



CP/M

Users Group



Northwest

CP/M USERS GROUP
NORTHWEST

ACTIVITY AND TOPIC REQUESTS FOR 1987 →

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears slightly aged or off-white. There is no handwriting or other markings on the page.

294.01	CRUNCH20.LBR	50K	75 F5	ARC-like Z-80 file compression utility
294.02	LBLMKR .LBR	23K	48 E8	source code for turbo pascal label maker
294.03	MSJV2-12.LBR	136K	8A D9	Micro/Sys Journ. source code Jan-Apr 1986
293.01	TQC .LBR	22K	3B 81	turbo WS table of contents generator
293.02	TP-UTIL2.LBR	87K	87 C0	turbo pascal utilities
293.03	TSCREEN .LBR	9K	94 DA	makes I/O screens
293.04	TURBPC1 .LBR	38K	5E 6B	turbo utilities and routines
293.05	TURBSCRN.LBR	13K	46 6F	generates turbo output screens
293.06	TURBUTIL.PQS	28K	ED 60	turbo utilities
292.01	SCILIB .LBR	103K	0A D8	turbo programs for engineers and scientists
292.02	SCREEN .LBR	14K	8B F1	generates "SCREENS" for turbo
292.03	SIZE .PAS	2K	37 C1	calculates K size of files
292.04	STRIP8 .PAS	3K	62 0B	example of turbo text file handling
292.05	TPTOOL .LBR	80K	13 8C	Turbo programs from SOfware Tools
292.06	T3TOOL .PAT	2K	54 D0	patch TPTOOL for Turbo 3.0
291.01	ADV1 .LBR	19K	5D EC	turbo pascal adventure game
291.02	CLEANUP .PQS	10K	24 91	clean up turbo source code
291.03	CLOCK .LIB	11K	2D 35	library of turbo clock routines
291.04	CONCORD .PAS	3K	73 87	creates a concordance
291.05	CONVERT .PQS	2K	56 5E	converts between different number bases
291.06	CPMDIR .LBR	12K	05 BC	gets directory in CP/M turbo
291.07	DBASE2 .PQS	3K	82 79	access dBase 2 files from turbo
291.08	DELETE .PQS	2K	8B 12	CP/M mass delete
291.09	DELIB .PAS	4K	24 0F	remove files from library
291.10	DIR .INC	2K	6C DA	CP/M function to give directory
291.11	DWS .PAS	3K	72 98	remove WS control codes
291.12	EDIT .PQS	4K	FC C0	turbo line editor
291.13	EPTRANS1.LBR	15K	F4 D9	print formatter for Epson printer
291.14	ERRORS .PAS	4K	94 07	English answers to turbo error codes
291.15	EVALUAT5.PQS	10K	E3 01	turbo math expression evaluator
291.16	FREE .INC	4K	D9 90	CP/M function to give free disk space
291.17	FREEDIR .INC	2K	D2 49	CP/M function for free directory space
291.18	FUNCKEYS.PAS	1K	62 A5	how to get function key info
291.19	IGERROR .PAS	3K	0E D9	routine to trap I/O errors
291.20	KBD .DOC	3K	33 E4	info on how to read KBD in Turbo 3.0
291.21	LINKLIST.LBR	16K	32 2F	how to use linked lists & pointers
291.22	LOAN .PQS	2K	CD DE	calculates loan payments
291.23	LU10A .PQS	10K	F8 17	library manager - simple but good
291.24	MAZE .PQS	6K	75 5A	draw maze on screen
291.25	MEMSIZE .PQS	4K	DB D8	how to adjust memory for CP/M 80
291.26	MLABELS .PAS	1K	BC 35	makes labels
291.27	MMIND .PQS	4K	18 5F	Master Mind type game
291.28	OKI .PAS	2K	80 09	OKI 92 setup program
291.29	QUICKSORT.IQC	6K	C8 05	CP/M quick sort routine
291.30	TURB-CCP.LBR	8K	F5 CF	How to make turbo leave CP/M CCP alone
291.31	TURBOSAV.LBR	9K	FC A5	reclaim text lost in CP/M editor crash
291.32	WIPE .PAS	1K	34 C1	wipe selected files from CP/M disk
290.01	MAINFRAM.LBR	108K	A8 D7	Kaypro <--> IBM 30XX with MVS
290.02	SD12 .LBR	88K	D9 B7	almanac from 2500BC to 2500AD
289.01	COMPARE .LBR	19K	88 5B	compare disks & files in CP/M 80
289.02	EDFILE .LBR	31K	22 59	280 HEX and ASCII file editor
289.03	FBAD .LBR	4K	D4 E3	bad sector locate - better than FINDBAD
289.04	FILE21 .LBR	12K	8B 98	searches all drives for a file
289.05	NEVTREK .LBR	30K	62 44	NEVADA BASIC version of Star Trek
289.06	NEWCOPY .LBR	5K	9B EF	smart copy program
289.07	RAMDSKRB.CMD	2K	A0 15	creates MDRIVE on Rainbow 100
289.08	RAMDSKRB.DOC	3K	C8 78	/
289.09	SETDRU .LBR	44K	DB A8	CP/M 80 set drive and user path
289.10	SFILE13 .LBR	27K	38 32	searches all drives,users,&.LBR for file

288.01	MISC	.LBR	99K	62 0A	morse code, astronomy, etc.
288.02	SUB	.LBR	59K	A2 F4	Fortran subroutines
288.03	TOOLS	.LBR	60K	7D 60	Fortran tools
287.01	TURB02	.LBR	203K	82 49	
286.01	TURB01	.LBR	203K	B6 9C	TurboDOS utilities.
285.01	ADD	.PRG	5K	8F AD	dBASEIII source code for ACGNJ Mailing
285.02	AG	.DBF	2K	04 B8	list program. A full featured mailing
285.03	BROW	.PRG	17K	AF 3F	list program with built in documentaion.
285.04	COMPACT	.PRG	3K	60 7F	(dBASEII version on SIG/M Volume 110.)
285.05	DUPCHECK	.PRG	1K	9B 9A	Clipper compilation of Volume 285. To
285.06	DUPREC	.PRG	4K	AC A4	recompile in Clipper see BROWSE.DOC.
285.07	INIT	.PRG	2K	DF BD	
285.08	LIST	.PRG	3K	85 D2	
285.09	LIST1	.PRG	3K	2B 3F	
285.10	MAIL	.PRG	10K	98 E5	
285.11	MAINTAIN	.PRG	6K	E1 63	
285.12	ONELAB	.PRG	2K	65 0F	
285.13	PHONE	.PRG	3K	06 7F	
285.14	PROC	.PRG	3K	26 37	
285.15	REPORT	.PRG	6K	9C 34	
285.16	SEARCH1	.PRG	5K	81 B9	
285.17	SPECIAL	.PRG	20K	FD 66	
285.18	VERIFDEL	.PRG	2K	36 73	
285.19	VERIFNEW	.PRG	2K	F4 35	
285.20	WSFILE	.PRG	5K	0D 17	
285.21	WSFILE1	.PRG	5K	BC C0	/
285.22	BRIEF-TS	.HOW	6K	52 F8	How to add Time-Date stamps to BRIEF.
285.23	BROWSE	.DOC	2K	90 BC	Create browse in CLIPPER. Add it to
285.24	BROWSE	.PRG	17K	54 14	your program (as in the ACGNJ Mailing
285.25	CURSOR	.ASM	1K	79 50	List Program) or use free standing).
285.26	CURSOR	.OBJ	1K	1D A1	/
285.27	GENNAMES	.PRG	3K	E5 4B	Generates
285.28	GRAPHICS	.DOC	2K	5E F4	Does line graphics in BRIEF editor.
285.29	GRAPHICS	.M	8K	DE 5A	/
285.30	MAKECLIP	.PRG	21K	BC 91	Makes .CLP and .LNK files for Clipper.
285.31	NUMLOCK	.COM	1K	6B 1C	PC Number Lock fix to Microsoft Word.
285.32	WORD-KEY	.FIX	4K	6D 76	/
285.33	SAVEREST	.ASM	4K	F1 AF	Adds CLIPPER Save Screen to dBASE3
285.34	SAVEREST	.BIN	5K	33 B0	/
285.35	SAVEREST	.DOC	1K	51 12	/
285.36	SAVEREST	.PRG	2K	FF 1B	/
285.37	TWENTY	.ASM	6K	F1 30	Have more than 20 open files in DBASE3
285.38	TWENTY	.BIN	1K	FA A6	/
284.01	AG	.DBF	2K	04 B8	DBASEIII database file
284.02	MAIL	.EXE	209K	06 83	CLIPPER compiled version of program
283.01	MATH	.LBR	153K	2D C5	Math routines in Basic
283.02	TURBO10	.LBR	56K	F5 23	Turbo Pascal I/O routines
282.01	MAIL20	.LBR	172K	AE 0E	280 mailing list program
282.02	VDO	.LBR	24K	16 2A	280 screen editor


```

64:  /* Calculate count value for each pixel (640x480) */
65:  for (y=1; y<=480; y++) /* Each row */
66:  {
67:      bc = y_coord - y*gap; totct = 0;
68:      for (x=1; x<=640; x++) /* Each pixel per row */
69:      {
70:          ac = x*gap + x_coord;
71:          a = ac; b = bc; size = 0.0; count = 0;
72:          while (size < 4.0 && count < 1000)
73:          {
74:              /* Do complex-number multiply */
75:              b1 = 2*a*b;
76:              a = a*a - b*b + ac;
77:              b = b1 + bc;
78:              /* Pythagorean theorem */
79:              size = a*a + b*b;
80:              /* Don't need square root */
81:              count++;
82:          }
83:          totct += count;
84:          /* Code count in two bytes to save disk space */
85:          ct[x][0] = count/256;
86:          ct[x][1] = count % 256;
87: /* printf ("count =%d \n",count); For debugging only */
88: } /* End x loop */
89: /* Show row number and average count to CRT */
90: printf ("%5d %5d\n",y,totct/480);
91: /* Print coded pixel-values this row to data file */
92: for (x=1; x<=640; x++)
93: {
94:     putc (ct[x][0],OutFile);
95:     putc (ct[x][1],OutFile);
96: }
97: } /* End y loop */
98: fclose(OutFile); /* Close data file */
99: } /* End main */
100:
101:
102:
AMPAC>

```

cat dump.c

```
1:/* **** */
2:/* */
3:/* "PLOTTING THE MANDELBROT SET" */
4:/* * Adapted from an article published in BYTE magazine, December 1986, */
5:/* by Peter B. Schroeder, Biosystems Research Inc, Miami Florida */
6:/* */
7:/* Converted to run on Tektronix UTEK (UNIX) and produce a plot file. */
8:/* Use the program 'display' to decode the plot file and display the */
9:/* Mandelbrot pictures on Tektronix color graphics terminals. */
10:/* */
11:/* Instructions: */
12:/* 1. Read the article in BYTE, December 1986. */
13:/* */
14:/* 2. This routine will prompt for the parameters of a */
15:/* window into the Mandelbrot region of interest. */
16:/* */
17:/* 3. Respond with a window of -2.0 in 'X' and -1.25 in */
18:/* 'Y'. Follow with a range of 2.5 which will apply */
19:/* to both 'X' and 'Y' directions equally. */
20:/* The program cannot currently handle typing errors. */
21:/* */
22:/* 4. The program will generate a very large file of */
23:/* numbers from 1 to 1000 encoded as 2 8 bit characters. */
24:/* */
25:/* 5. When the file 'ZOOM.DAT' is ready execute 'display' */
26:/* to see the result. */
27:/* */
28:/* 6. Another window of interest is -0.25, 1.13 with a */
29:/* range of .25 units. */
30:/* */
31:/* **** */
32:
33:#include <stdio.h>
34:/* #include <math.h> */
35:
36:main(argc,argv) int argc; char *argv[];
37:{
38: int y,x,count,totct;
39: float x_coord, y_coord, range, gap, size, a, b, ac, bc, bl;
40: char ct[64][2];
41: FILE *OutFile;
42: /* Salutations: */
43: printf("Plotting the Mandelbrot Set', by Peter B. Schroeder\n");
44: printf("adapted from an article in BYTE magazine, December 1986\n");
45: printf(" \n");
46: printf("Select a window into the Mandelbrot set (eg,-2.0,-1.25,2.5)\n");
47: printf("entered one parameter at a time.\n");
48: /* Input x-y coordinates and range from keyboard */
49: printf("Input X_Coordinate: ");
50: scanf("%f",&x_coord);
51: printf("Input Y_Coordinate: ");
52: scanf("%f",&y_coord);
53: printf("Input Range: ");
54: scanf("%f",&range);
55: gap = range / 640.0; /* Increment per pixel */
56: y_coord += range; /* Start at top of display */
57: /* Open output file (default or command line) */
58: if (argc<=1) OutFile = fopen("ZOOM.DAT","w");
59: else OutFile = fopen(argv[1],"w");
60: /* Write coordinates and range to data file */
61: fprintf(OutFile,"%7.6f\n",x_coord);
62: fprintf(OutFile,"%7.6f\n",y_coord);
63: fprintf(OutFile,"%8.7f\n",range);
```



```

60:graphic(x, y)                                /* 4010 Protocol conversion */
61: int x,y;
62: {
63:   int ascii;
64:
65:   ascii = 32+y/32;
66:   putchar(ascii);
67:   ascii = 96+y-32*(y/32);
68:   putchar(ascii);
69:   ascii = 32+x/32;
70:   putchar(ascii);
71:   ascii = 64+x-32*(x/32);
72:   putchar(ascii);
73: }
74:
75:lcolor(n)                                     /* Set line color index */
76: int n;
77: {
78:   putchar(27);
79:   printf("ML");                               /* <ESC>MLn selects line color 'n' */
80:   cvint(n);                                   /* Convert to 4100 integer protocol */
81:}
82:
83:gstart()                                     /* Begin 4010 graphic mode */
84: {
85:   putchar(29);                               /* GS character start graphics mode */
86: }
87:
88:gstop()                                     /* Terminate graphics mode */
89: {
90:   putchar(31);                               /* US character ends graphics mode */
91: }
92:
93:cvint(n)                                     /* Convert 'n' to 4100 integer & send */
94: int n;                                     /* Positive integers only (a bug?) */
95: {
96:   char hi, mi, li;
97:
98:   hi=64+abs((abs(n) & 037634)/1024); /* Leading zero = octal numbers */
99:   mi=64+abs((abs(n) & 01760 )/ 16);
100:   li=32+(abs(n) & 017 );
101:   if (n>(-1))
102:   {
103:     li=(li | 020);                          /* Octal notation */
104:   }
105:   if (hi != 64)
106:   {
107:     putchar(hi);
108:   }
109:   putchar(mi); putchar(li);
110:}
111:
AMPAC>

```

```

10:
2: /*****
3: /* Accept file from 'doset' and display Mandelbrot set picture on 420x */
4: /* Will Gallant      August 1987 */
5: /* Tektronix, AMPAC 73-397 */
6: /* P.O. Box 500 */
7: /* Beaverton Oregon 97077 */
8: /* USA */
9: *****/
10:
11: #include <stdio.h>
12:
13: main(argc,argv)  int argc; char *argv[];
14: {
15:     int y,x,m,l;
16:     int count,linecolor,dummy;
17:     float x_coord, y_coord, range, gap;
18:     char ct[64][2];
19:     FILE *InFile;
20:     if (argc<=1) InFile = fopen("ZOOM.DAT","r");
21:     else InFile = fopen(argv[1],"r");
22:     /* Read in the window parameters */
23:     fscanf(InFile,"%f",&x_coord);
24:     fscanf(InFile,"%f",&y_coord);
25:     fscanf(InFile,"%f",&range);
26:     gap = range/640; /* Increment per pixel */
27:     /* Show the parameters of this picture */
28:     /* Switch the terminal to 'TEK' mode as opposed to 'ANSI' mode */
29:     putchar(27); printf ("%!O"); /* <Esc>%!O is 'TEK' mode */
30:     printf ("The window to be displayed is:\n");
31:     printf ("          X_coord : %f\n",x_coord);
32:     printf ("          Y_coord : %f\n",y_coord);
33:     printf ("          Range : %f\n",range);
34:     /* Read encoded 'color-at-pixel' data and display left to right, top down*/
35:     ct[1][0] = getc(InFile); /* throw away first byte ?????? */
36:     /* Step thru the file snatching off 640 pixel blocks for decoding */
37:     for (y=1; y<=480; y++)
38:     {
39:         for (x=1; x<640; x++) /* Read one scan lines worth of counts */
40:         {
41:             ct[x][0] = getc(InFile); /* Most significant bits */
42:             ct[x][1] = getc(InFile); /* The count was packed in 2 chars */
43:         }
44:         for (x=1; x<=640; x++) /* Bring back the count in 'int' format*/
45:         {
46:             m = ct[x][0] & 0377;
47:             l = ct[x][1] & 0377;
48:             count = (m<<8)|l; /* Move 8 bits left & + low order bits */
49:             /* Now determine pixel color. Try count mod 16 for example */
50:             linecolor = (count & 017); /* 0-15 in 410x format */
51:             lcolor(linecolor); /* Send line color command to terminal */
52:             gstart(); graphic(x, y); graphic(x, y); gstop(); /* Put point at x,y */
53:         }
54:     } /* End 'y' loop */
55:     dummy = getchar(); /* Pause to allow hardcopy, etc. */
56:     putchar(27); printf ("%!1"); /* Return to 'ANSI' editing mode */
57:     fclose(InFile);

```


000	READTHIS.		xx xx	explains how to use this disk
00	CRC .COM		xx xx	checksum program
000.01	/ .COM	3K	xx xx	FAST - speeds search
000.02	FIND .COM	1K	xx xx	Program to locate information
001	-CATALOG.001	1K	xx xx	Contents of Sig/M Users Group volume 1
001	ABSTRACT.001	2K	xx xx	Notes on ADVENTURE
001.01	AD. .COM	39K	xx xx	Original ADVENTURE game
001.02	ADVENTUR.MSG	63K	xx xx	Database file - location descriptions
001.03	ATAB .DAT	2K	xx xx	Database file - vocabulary words
001.04	COMMON .DAT	4K	xx xx	Database file - common
001.05	KTAB .DAT	1K	xx xx	Database file - vocabulary words
001.06	LTEXT .DAT	1K	xx xx	Database file - locations
001.07	RTEXT .DAT	1K	xx xx	Database file - random messages
001.08	STEXT .DAT	1K	xx xx	Database file - locations
001.09	TRAVEL .DAT	5K	xx xx	Database file - travel options
002	-CATALOG.002	1K	xx xx	Catalog of Sig/M Users Group volume 2
002	ABSTRACT.002	3K	xx xx	Implementation notes
002.01	ADINIT .COM	28K	xx xx	Used to create ADVENTURE database files
002.02	ADVENSUB.FOR	13K	xx xx	Subroutine used in AD.COM and ADINIT.COM
002.03	ADVENT .FOR	5K	xx xx	Subroutine used in ADINIT.COM
002.04	ADVENTUR.DAT	74K	xx xx	Database source for ADVENTURE
002.05	ADVINIT3.FOR	29K	xx xx	Subroutine used in ADINIT.COM
002.06	ADVMAIN .FOR	47K	xx xx	Main routine used in AD.COM
002.07	INSUB .FOR	5K	xx xx	Subroutine used in ADINIT.COM
002.08	MAINSB .FOR	5K	xx xx	Subroutine used in AD.COM
003	-CATALOG.003	1K	xx xx	Contents of Sig/M Users Group volume 3
003	ABSTRACT.003	1K	xx xx	Notes on expanded ADVENTURE
003.01	ADV .COM	36K	xx xx	Expanded ADVENTURE game
003.02	ADVT .DAT	105K	xx xx	Expanded ADVENTURE game database file
003.03	ADVI .DAT	31K	xx xx	Expanded ADVENTURE game database file
003.04	ADVI .PTR	4K	xx xx	Expanded ADVENTURE game subroutine
003.05	ADVT .PTR	15K	xx xx	Expanded ADVENTURE game subroutine
004	-CATALOG.004	2K	xx xx	Contents of Sig/M Users Group volume 4
004.01	3740UTIL.ASM	60K	xx xx	Copy CP/M to and from 3740 format
004.02	3740UTIL.DOC	8K	xx xx	Copy CP/M to and from 3740 format
004.03	BDOS-PAT.ASM	2K	xx xx	Make USER 0 (CP/M 2.X) public
004.04	BMAP7/11.ASM	7K	xx xx	Print allocation map
004.05	CCPPATCH.ASM	1K	xx xx	Make drive A: default for .COM files
004.06	CHANGE .ASM	4K	xx xx	ALS-8 to CP/M converter (Dr. Dobbs)
004.07	CRCK3 .ASM	8K	xx xx	Create 16 bit CRC for a file
004.08	DIRFIX .ASM	5K	xx xx	CP/M 2.2 to 1.4 directory compatibility
004.09	DIRSIO/1.ASM	9K	xx xx	Sorted DIR with SYS and MP/M options
004.10	DOWHILES.LIB	1K	xx xx	DOWHILE construct MACRO lib. used by S004.01
004.11	DU-8/12 .ASM	16K	xx xx	Disk Utility - update of C40.20
004.12	DUPUSR2 .ASM	8K	xx xx	Create duplicate directory w/new user #
004.13	EQUATES .LIB	4K	xx xx	General assembly equates lib. used by S04.01
004.14	FILPRINT.ASM	2K	xx xx	Turn .TXT into .COM
004.15	FINDBD37.ASM	27K	xx xx	Updated program to lock out bad blocks
004.16	FMAP6/12.ASM	9K	xx xx	Sorted dir. mapping program - C40.24 revised
004.17	MACROS .LIB	16K	xx xx	General MACRO library used by S004.01

004.18	NCOMPARE.LIB	2K	xx xx	8 bit COMPARE MACRO library used by S004.01
004.19	PG0EQU .ASM	1K	xx xx	Page 0 EQUATES -part of S004.09 DIRSI0/1.ASM
004.20	SELECTS .LIB	2K	xx xx	SELECT construct MACRO lib. used by S004.01
004.21	SURVEY .COM	1K	xx xx	List disk, memory use, and other parts
004.22	SURVEY3 .ASM	13K	xx xx	List disk, memory use, and other parts
004.23	SYMSTACK.LIB	1K	xx xx	Symbol stack MACRO library - used by S004.01
004.24	WHENS .LIB	1K	xx xx	MACRO lib. of WHEN constructs used by 004.01
004.25	DIR6/28 .ASM	8K	xx xx	Sorted directory with sizes
005	-CATALOG.005	1K	xx xx	Contents of Sig/M Users Group volume 5
005.01	CPUDIAG .ASM	14K	xx xx	CPU test diagnostics for 8080 and 8085
005.02	CPUDIAG .DOC	2K	xx xx	CPU test diagnostics for 8080 and 8085
005.03	MEMDIAG .DOC	12K	xx xx	Memory diagnostic
005.04	MEMDIAG .ASM	34K	xx xx	Memory diagnostic
005.05	3712DIAG.ASM	73K	xx xx	iCOM SD controller diagnostic
005.06	3812DIAG.ASM	93K	xx xx	iCOM DD controller diagnostic
005.07	3X12DIAG.DOC	2K	xx xx	iCOM disk controller diagnostics
005.08	CP/M-NET.MSG	4K	xx xx	Proposed networking of User Groups
006	-CATALOG.006	1K	xx xx	Contents of Sig/M Users Group volume 6
006	ABSTRACT.006	2K	xx xx	Describes each module in 6502 Simulator
006.01	ZILASM .COM	11K	xx xx	6502 Simulator module
006.02	ZX65 .COM	5K	xx xx	6502 Simulator module
006.03	ZX65R .PRN	98K	xx xx	Assembler list of ZX65R.ZSM before reloc.
006.04	ZX65R .ZSM	39K	xx xx	Source code for relocatable 6502 Simulator
006.05	ZXART .DOC	15K	xx xx	6502 Simulator article from Oct 80 Dr Dobbs
006.06	ZXHINTS .DOC	9K	xx xx	Information on 6502 Simulator load and run
006.07	ZXLDR .PRN	23K	xx xx	Assembler list of ZXLDR.ZSM before reloc.
006.08	ZXLDR .ZSM	7K	xx xx	Loader - contains relocation map for ZX65R
006.09	ZXTAB1 .DOC	1K	xx xx	6502 to 280 table from Dr. Dobbs
006.10	ZXTAB2 .DOC	1K	xx xx	6502 to 280 table from Dr. Dobbs
006.11	ZXTAB3 .DOC	1K	xx xx	6502 to 280 table from Dr. Dobbs
006.12	ZXTAB4 .DOC	1K	xx xx	6502 to 280 table from Dr. Dobbs
006.13	CONCOD .LIB	2K	xx xx	Control code definitions for 6502 Zapple
006.14	ZAPMON .MOS	1K	xx xx	Zapple Monitor for 6502
006.15	ZAPMON .HEX	5K	xx xx	Zapple Monitor for 6502
006.16	ZAP3 .INS	11K	xx xx	Zapple module for 6502
006.17	ZAP5 .INS	3K	xx xx	Zapple module for 6502
006.18	ZAP1 .INS	3K	xx xx	Zapple module for 6502
007	-CATALOG.007	2K	xx xx	Contents of Sig/M Users Group volume 7
007.01	DCHBYE55.ASM	23K	xx xx	Remote console for DC Hayes modem
007.02	FLIP-8/8.ASM	3K	xx xx	Switch remote console to originate mode
007.03	TAG .ASM	5K	xx xx	Set/reset&displ. no copy (F1 bit) on a file
007.04	MLIST34 .ASM	9K	xx xx	LIST command w/16K buffer
007.05	MODEM926.ASM	45K	xx xx	Remote communications - updates C40.28
007.06	PLINK925.ASM	21K	xx xx	Updates C19.04 - remote CPU control program
007.07	USER-8/8.ASM	2K	xx xx	Replaces CP/M USER cmd on remote CPU
007.08	XMODEM32.ASM	20K	xx xx	DC Hayes modem support
007.09	PURGE .ASC	4K	xx xx	Remove killed msg's from RIBBS files -MBASIC
007.10	RIBBS .ASC	20K	xx xx	Remote Iselin bulletin board system - MBASIC
007.11	MIC-XFER.ASM	7K	xx xx	Xfer < > Micropolis 1.4 & 8" systems
007.12	MIC-XFER.DOC	7K	xx xx	Data transfer documentation

007.13	XFER5-8 .ASM	3K	xx xx	Transfer files between 5" and 8"
007.14	XFER8-5 .ASM	3K	xx xx	Transfer files between 5" and 8"
007.15	V2FORMAT .ASM	5K	xx xx	Versafloppy 2 format program
007.16	MENU .ASM	9K	xx xx	Creates menu of all .COM and .BAS files
007.17	MEM-MAP .ASM	5K	xx xx	Use to map RAM/ROM
007.18	MOVE6/12.ASM	8K	xx xx	Single drive COPY program
007.19	RELDUMP .ASM	8K	xx xx	DUMP Microsoft .REL files - uses MAC
007.20	SAP-FIX .DOC	1K	xx xx	Patches for C19.08
007.21	TEXCLEAN.ASM	5K	xx xx	Clear bit 7 of a text file
007.22	TPA3 .ASM	2K	xx xx	Computes free space in TPA
007.23	Z80EXT .LIB	3K	xx xx	Extra Z80 opcodes
008	-CATALOG.008	2K	xx xx	Contents of Sig/M Users Group volume 8
008.01	BOOT .ASM	1K	xx xx	Sample 48K BOOT for PASCAL
008.02	BOOTER .DOC	3K	xx xx	PASCAL BOOT documentation for CP/M
008.03	TEST .ASM	7K	xx xx	Scan & load 8080/Z80 PASCAL interpreter
008.04	PAS2CPM .ASM	8K	xx xx	PASCAL to CPM diskette format conversion
008.05	PASCAL .ASM	7K	xx xx	UCSD PASCAL interpreter system
008.06	PASCAL .COM	17K	xx xx	UCSD PASCAL interpreter
008.07	PASCAL .DOC	1K	xx xx	UCSD PASCAL interpreter documentation
008.08	PASTOCPM.	12K	xx xx	Convert PASCAL file to CPM file
008.09	PBOOT .ASM	1K	xx xx	48K standard BOOT for UCSD PASCAL interp.
008.10	PGEN .ASM	4K	xx xx	PASCAL BOOT maintenance utility
008.11	PGEN .COM	1K	xx xx	PASCAL BOOT maintenance utility
008.12	PINIT .ASM	6K	xx xx	PASCAL interpreter INITIALIZATION utility
008.13	READ .ME	2K	xx xx	PASCAL startup documentation
008.14	CHAT13 .ASM	5K	xx xx	2-way communications with remote caller
008.15	DCHBYE57.ASM	24K	xx xx	Remote console DCHBYE55 upgrade (S007.01)
008.16	MODEM5A .ASM	46K	xx xx	Auto-dial/re-dial w/DC Hayes & PMMI modems
008.17	PLNK1018.ASM	21K	xx xx	Upgrade C19.04 & S007.06 w/more modem types
008.18	NEWBAUD .ASM	4K	xx xx	Switch BAUD rate on a remote PMMI modem
008.19	RBBS22 .ASC	20K	xx xx	Update of RBBS S007.10
008.20	RBBS22 .DOC	6K	xx xx	Documentation for RBBS - S008.19
008.21	RBSUTL22.ASC	9K	xx xx	Remote Bulletin Board UTiLiTy program
008.22	MBOOT3 .ASM	8K	xx xx	Compacted MODEM for receive only usage
008.23	XMODEM38.ASM	24K	xx xx	Update S007.08 - remote CP/M to CP/M xfer
009	-CATALOG.009	2K	xx xx	Contents of Sig/M Users Group volume 9
009.01	AUTOX .ASM	2K	xx xx	Forces a CP/M command from a user level
009.02	CPYFIL15.ASM	10K	xx xx	COPY files > 512K thru PIP utility
009.03	CRCK10/6.ASM	11K	xx xx	Upgrade of CRCK3 in S004.07
009.04	DIRS1015.ASM	9K	xx xx	Sorted DIRectory from DIRS10/1 S004.09
009.05	DISPLAY .COM	3K	xx xx	Display ASCII file using ED.COM commands
009.06	DISPLAY .DOC	3K	xx xx	Display ASCII file using ED.COM commands
009.07	DISPLAYP.ASM	3K	xx xx	Patch for DISPLAY.COM
009.08	DU-10/26.ASM	18K	xx xx	Update of Disk Utility in S004.09
009.09	FIND3/18.ASM	10K	xx xx	Multiple file search routine
009.10	FINDBD38.ASM	29K	xx xx	Update FINDBD37 S004.15 - bad diskette util.
009.11	LISTGRPS.ASC	1K	xx xx	LIST track and sector for each group
009.12	MDIR8/17.ASM	10K	xx xx	Alpha/Numeric master DIRectory by users
009.13	MFT45 .ASM	17K	xx xx	Dr. Dobbs one drive multi-file transfer
009.14	MIC-XFER.ASM	7K	xx xx	Micropolis and regular CP/M file XFER
009.15	MIC-XFER.DOC	5K	xx xx	Micropolis and regular CP/M file XFER
009.16	NFMAP .ASM	9K	xx xx	Sorted DIR w/option of writing file
009.17	NLIST .ASM	14K	xx xx	LISTs disk file on LST: device
009.18	SD-12/15.ASM	17K	xx xx	Super Directory - alpha sort with sizes

009.19	SECTOR .ASM	10K	xx xx	Sector disk maintenance program
009.20	SHOWGRP .ASC	2K	xx xx	Print track and sector addr of groups
009.21	TERMTEST.ASM	2K	xx xx	Terminal diagnostic program
009.22	USERLST .ASM	3K	xx xx	Display current USER in CP/M prompt
009.23	VLIST11 .ASM	8K	xx xx	Variable speed LIST routine
009.24	WHICH .ASM	4K	xx xx	Displays present CP/M release level
009.25	MIKEBIOS.ASM	8K	xx xx	Flash writer I/O driver
010	-CATALOG.010	1K	xx xx	Contents of Sig/M Users Group volume 10
010.01	LANES .BAS	6K	xx xx	Interstellar commerce game - Microsoft BASIC
010.02	JOURNAL .BAS	17K	xx xx	Computer journal resource library
010.04	BLACKBOX.BAS	3K	xx xx	Microsoft BASIC game
010.05	BOGGLE .BAS	1K	xx xx	Microsoft BASIC game
010.06	GAMMON .H19	11K	xx xx	Backgammon for H19 terminal -Microsoft BASIC
010.07	NIM1 .H19	8K	xx xx	Microsoft BASIC game for Heath terminal
010.08	OTHELLO .H19	5K	xx xx	Microsoft BASIC game for Heath terminal
010.09	STARWAR2.H19	12K	xx xx	Microsoft BASIC game for Heath terminal
010.10	ALS8CPM .ASM	17K	xx xx	Convert Proc Tech asm files to CP/M
010.11	DIV16B .ASM	1K	xx xx	16 bit division by 8 bit divisor
010.12	DSIM .LIB	5K	xx xx	CDOS calls for CP/M
010.13	NSCPM48 .ASM	22K	xx xx	Run North Star BASIC under CP/M
010.14	NSCPM48 .DOC	8K	xx xx	Run North Star BASIC under CP/M
010.15	RETURN48.COM	1K	xx xx	Run North Star BASIC under CP/M
010.16	REZ .ASM	33K	xx xx	RESOURCE disassembler resurrected with .ASM
010.17	REZ .COM	7K	xx xx	A nifty 8080 disassembler
010.18	REZ .DOC	26K	xx xx	Modified for 280 TDL op codes
010.19	REZ .Z80	36K	xx xx	Disassembler modified for Zilog op codes
011	-CATALOG.011	1K	xx xx	Contents of Sig/M Users Group volume 11
011	ABSTRACT.011	1K	xx xx	Notes on expanded ADVENTURE - Replaces S003
011.01	ADV .COM	36K	xx xx	Expanded ADVENTURE game
011.02	ADVT .DAT	105K	xx xx	Expanded ADVENTURE database
011.03	ADVI .DAT	31K	xx xx	Expanded ADVENTURE database
011.04	ADVI .PTR	4K	xx xx	Expanded ADVENTURE game subroutine
011.05	ADVT .PTR	15K	xx xx	Expanded ADVENTURE game subroutine
012	-CATALOG.012	1K	xx xx	Contents of Sig/M Users Group volume 12
012.01	CATALOG .SRT	23K	xx xx	Cross ref. of CP/M vol 1-47 & Sig/M vol 1-11
012.02	CAT .COM	1K	xx xx	Catalog program
012.03	MAST .CAT	7K	xx xx	Catalog database file
012.04	WIDE .COM	1K	xx xx	MX-80 line compression program
012.05	P4 .	24K	xx xx	Cross ref by file type CPMUG1-47 &Sig/M 1-11
012.06	P5 .	24K	xx xx	Cross ref by file type CPMUG1-47 &Sig/M 1-11
012.07	P6 .	24K	xx xx	Cross ref by file type CPMUG1-47 &Sig/M 1-11
012.08	P7 .	24K	xx xx	Cross ref by file type CPMUG1-47 &Sig/M 1-11
013	-CATALOG.013	2K	xx xx	Contents of Sig/M Users Group volume 13
013	-CUGFORM.LIB	4K	xx xx	CPMUG submittal form
013	-SIGFORM.LIB	2K	xx xx	Sig/M submittal form
013.01	MITSCNVT.ASM	28K	xx xx	MITS to CP/M file conversion
013.02	MITSCNVT.COM	7K	xx xx	MITS to CP/M file conversion
013.03	MITSCNVT.CPM	3K	xx xx	MITS to CP/M file conversion

013.04	MITSCNVT.DOC	7K	xx xx	MITS to CP/M file conversion
013.05	MITSCNVT.HEX	8K	xx xx	MITS to CP/M file conversion
013.06	ABORTSUB.COM	2K	xx xx	HELP file system utility
013.07	HELP.ASM	13K	xx xx	HELP file system
013.08	SYSLIB.HLP	7K	xx xx	System utility library routines
013.09	SYSLIB.REL	9K	xx xx	System utility library routines
013.10	HELP.COM	2K	xx xx	HELP file system
013.11	MASM.SUB	1K	xx xx	MACRO-80 assembler & linker HELP file
013.12	PHelp.COM	2K	xx xx	print utility HELP file
013.13	PHelp.MAC	6K	xx xx	HELP print utility MACROs
013.14	HELP.DOC	4K	xx xx	HELP file system documentation
013.15	SD-2/6.ASM	18K	xx xx	Updated SUPER DIRectory display
013.16	SD.COM	2K	xx xx	Updated SUPER DIRectory display
013.17	ENTAB.ASM	6K	xx xx	Space suppression program
013.18	ENTAB.COM	1K	xx xx	Space suppression program
013.19	UTIL.FOR	2K	xx xx	FORTTRAN array handling subroutine
013.20	LOOPBAK1.BAS	2K	xx xx	PMML loop back test
013.21	FORTH11.ASM	40K	xx xx	Fig-FORTH version 1.1 source
013.22	FORTH11.COM	23K	xx xx	Fig-FORTH version 1.1 object
013.23	FORTH11.DOC	4K	xx xx	Fig-FORTH version 1.1 documentation
014	-CATALOG.014	2K	xx xx	Contents of Sig/M Users Group volume 14
014.01	HELP.COM	2K	xx xx	HELP file system
014.02	HELP.HLP	7K	xx xx	HELP system - HELP file system
014.03	CPM.HLP	31K	xx xx	HELP system - CP/M 1.4
014.04	CPM2.HLP	37K	xx xx	HELP system - CP/M 2.2
014.05	ASM.HLP	4K	xx xx	HELP system - CP/M 1.4 ASM (assembler)
014.06	ASM2.HLP	4K	xx xx	HELP system - CP/M 2.2 ASM (assembler)
014.07	MAC.HLP	8K	xx xx	HELP system - CP/M MAC(macro assembler)
014.08	MBASIC.HLP	21K	xx xx	HELP system - Microsoft BASIC
014.09	CBASIC.HLP	14K	xx xx	HELP system - CBASIC
014.10	EBASIC.HLP	12K	xx xx	HELP system - BASIC-E
014.11	CBASIC2.HLP	22K	xx xx	HELP system - CBASIC-2
014.12	MASM.HLP	8K	xx xx	HELP system - MACRO-80 (M80)
014.13	ALGOLM.HLP	13K	xx xx	HELP system - ALGOL-M
014.14	C.HLP	17K	xx xx	HELP system - BDS 'C'
014.15	FORTTRAN.HLP	7K	xx xx	HELP system - Microsoft FORTRAN
014.16	PASCAL.HLP	10K	xx xx	HELP system - PASCAL/MT
015	-CATALOG.015	2K	xx xx	Contents of Sig/M Users Group volume 15
015	CRCKFILE.015	2K	xx xx	CRC check file
015.01	CATALOG.001	6K	xx xx	Catalog and abstracts of CPMUG volume 1
015.02	CATALOG.002	1K	xx xx	Catalog and abstracts of CPMUG volume 2
015.03	CATALOG.003	13K	xx xx	Catalog and abstracts of CPMUG volume 3
015.04	CATALOG.004	4K	xx xx	Catalog and abstracts of CPMUG volume 4
015.05	CATALOG.005	3K	xx xx	Catalog and abstracts of CPMUG volume 5
015.06	CATALOG.006	2K	xx xx	Catalog and abstracts of CPMUG volume 6
015.07	CATALOG.007	2K	xx xx	Catalog and abstracts of CPMUG volume 7
015.08	CATALOG.008	4K	xx xx	Catalog and abstracts of CPMUG volume 8
015.09	CATALOG.009	2K	xx xx	Catalog and abstracts of CPMUG volume 9
015.10	CATALOG.010	1K	xx xx	Catalog and abstracts of CPMUG volume 10
015.11	CATALOG.011	2K	xx xx	Catalog and abstracts of CPMUG volume 11
015.12	CATALOG.012	1K	xx xx	Catalog and abstracts of CPMUG volume 12
015.13	CATALOG.013	12K	xx xx	Catalog and abstracts of CPMUG volume 13
015.14	CATALOG.014	3K	xx xx	Catalog and abstracts of CPMUG volume 14
015.15	CATALOG.015	2K	xx xx	Catalog and abstracts of CPMUG volume 15
015.16	CATALOG.016	8K	xx xx	Catalog and abstracts of CPMUG volume 16

015.17	CATALOG .017	4K	xx xx	Catalog and abstracts of CPMUG volume 17
015.18	CATALOG .018	2K	xx xx	Catalog and abstracts of CPMUG volume 18
015.19	CATALOG .019	7K	xx xx	Catalog and abstracts of CPMUG volume 19
015.20	CATALOG .020	1K	xx xx	Catalog and abstracts of CPMUG volume 20
015.21	CATALOG .021	16K	xx xx	Catalog and abstracts of CPMUG volume 21
015.22	CATALOG .022	5K	xx xx	Catalog and abstracts of CPMUG volume 22
015.23	CATALOG .023	5K	xx xx	Catalog and abstracts of CPMUG volume 23
015.24	CATALOG .024	5K	xx xx	Catalog and abstracts of CPMUG volume 24
015.25	CATALOG .025	10K	xx xx	Catalog and abstracts of CPMUG volume 25
015.26	CATALOG .026	18K	xx xx	Catalog and abstracts of CPMUG volume 26
015.27	CATALOG .027	2K	xx xx	Catalog and abstracts of CPMUG volume 27
015.28	CATALOG .028	3K	xx xx	Catalog and abstracts of CPMUG volume 28
015.29	CATALOG .029	3K	xx xx	Catalog and abstracts of CPMUG volume 29
015.30	CATALOG .030	1K	xx xx	Catalog and abstracts of CPMUG volume 30
015.31	CATALOG .031	2K	xx xx	Catalog and abstracts of CPMUG volume 31
015.32	CATALOG .032	1K	xx xx	Catalog and abstracts of CPMUG volume 32
015.33	CATALOG .033	2K	xx xx	Catalog and abstracts of CPMUG volume 33
015.34	CATALOG .034	4K	xx xx	Catalog and abstracts of CPMUG volume 34
015.35	CATALOG .035	5K	xx xx	Catalog and abstracts of CPMUG volume 35
015.36	CATALOG .036	8K	xx xx	Catalog and abstracts of CPMUG volume 36
015.37	CATALOG .037	6K	xx xx	Catalog and abstracts of CPMUG volume 37
015.38	CATALOG .038	7K	xx xx	Catalog and abstracts of CPMUG volume 38
015.39	CATALOG .039	6K	xx xx	Catalog and abstracts of CPMUG volume 39
015.40	CATALOG .040	11K	xx xx	Catalog and abstracts of CPMUG volume 40
015.41	CATALOG .041	9K	xx xx	Catalog and abstracts of CPMUG volume 41
015.42	CATALOG .042	8K	xx xx	Catalog and abstracts of CPMUG volume 42
015.43	SIGMLOG .001	2K	xx xx	Catalog and abstracts on Sig/M volume 1
015.44	SIGMLOG .002	4K	xx xx	Catalog and abstracts on Sig/M volume 2
015.45	SIGMLOG .003	1K	xx xx	Catalog and abstracts on Sig/M volume 3
016	-CATALOG.016	2K	xx xx	Contents of Sig/M Users Group volume 16
016.01	BYE67 .ASM	39K	xx xx	Remote console program for PMMI - modem
016.02	BYE67 .DOC	12K	xx xx	Remote console program for PMMI - modem
016.03	MLIST42 .ASM	12K	xx xx	Multiple file LIST utility
016.04	DU-V75 .OBJ	6K	xx xx	Disk Utility system object file
016.05	DU-V75 .DOC	5K	xx xx	Documentation for Disk Utility system
016.06	DU-V75 .ASM	40K	xx xx	Disk Utility system source file
016.07	FINDBD42.ASM	33K	xx xx	Creates file of BADspots on diskette
016.08	APLMODEM.ASM	36K	xx xx	Apple II CP/M file xfer w/ Micromodem 2
016.09	COMAND .LIB	7K	xx xx	Console string processor
016.10	COMBINE .ASM	7K	xx xx	Merges multiple files
016.11	FILE-XT2.ASM	8K	xx xx	System disk utility display
016.12	MNEMON21.ASM	28K	xx xx	Multi-pass CP/M memory tester
017	-CATALOG.017	2K	xx xx	Contents of Sig/M Users Group volume 17
017	-CATALOG.ACK	1K	xx xx	Acknowledgement file
017.01	SCRAMBLE.DOC	2K	xx xx	Encode/decode a CP/M file
017.02	SCRAMBLE.ASM	6K	xx xx	Encode/decode a CP/M file
017.03	SORTV .DOC	2K	xx xx	Variable length records SORT program
017.04	SORTV-12.ASM	13K	xx xx	Variable length records SORT program
017.05	TAG2 .ASM	6K	xx xx	Set/reset display the "no copy" flag
017.06	MNEXEC .COM	3K	xx xx	MicroNet EXECutive
017.07	MNOVRLAY.ASM	4K	xx xx	Overlay for MicroNet executive
017.08	WHICH/1 .ASM	4K	xx xx	Returns size and version of CP/M
017.09	STATUS .ASM	8K	xx xx	Present systems information under 2.2
017.10	NEWQCAT .ASM	5K	xx xx	Quick CATalog routine
017.11	WORM8/8 .ASM	7K	xx xx	Memory test diagnostic

017.12	TFX12/18.ASM	21K	xx xx	CP/M to CP/M file transfer utility
017.13	XMODEM41.ASM	29K	xx xx	Remote CP/M to CP/M file transfer
017.14	MOVPATCH.ASM	3K	xx xx	Modifies MOVCPM for remote access
017.15	21BIOS .ASM	48K	xx xx	Tarbell BIOS for CP/M 2.0
017.16	21BIOS .DOC	3K	xx xx	Documentation for Tarbell BIOS
017.17	21BOOT .ASM	4K	xx xx	Tarbell BOOT for CP/M 2.0
017.18	MACRO .LIB	18K	xx xx	MACRO library for Tarbell BIOS
017.19	NPGEN .ASM	9K	xx xx	Tarbell BIOS SYSGEN program
017.20	SPCLMAC .LIB	4K	xx xx	BIOS disk redefinition MACRO library
017.21	XDIR .ASM	13K	xx xx	Updated CP/M DIRectory display
017.22	XDIR .COM	2K	xx xx	Updated CP/M DIRectory display
018	-CATALOG.018	2K	xx xx	Contents of Sig/M Users Group volume 18
018	-CATALOG.ACK	1K	xx xx	Volume 70 Acknowledgement file
018.01	2411DUMP.ASM	18K	xx xx	ICOM microfloppy memory DUMP utility
018.02	2411DUMP.COM	3K	xx xx	ICOM microfloppy memory DUMP utility
018.03	MFMACRO .LIB	17K	xx xx	ICOM 2411 MACRO library
018.04	3812DUMP.ASM	21K	xx xx	ICOM floppy memory DUMP utility
018.05	3812DUMP.COM	4K	xx xx	ICOM floppy memory DUMP utility
018.06	DDMACRO .LIB	18K	xx xx	ICOM 3812 MACRO library
018.07	AREACODE.ASM	14K	xx xx	Region and state AREA CODE search
018.08	AREACODE.COM	7K	xx xx	Region and state AREA CODE search
018.09	BANZAI .ASM	9K	xx xx	Copyright notice protect
018.10	CAT2 .ASM	6K	xx xx	Master CATalog system for CP/M 2.X
018.11	FMAP3 .ASM	7K	xx xx	Sorted directory MAPping program
018.12	UCAT2 .ASM	8K	xx xx	Master CATalog update program
018.13	CHAT15 .ASM	6K	xx xx	CHAT with local remote CP/M operator
018.14	CHAT15 .COM	1K	xx xx	CHAT with local remote CP/M operator
018.15	DISPLAYP.ASM	3K	xx xx	DISPLAY ASCII file using ED.COM commands
018.16	DISPLAY .COM	2K	xx xx	DISPLAY ASCII file using ED.COM commands
018.17	DISPLAY .DOC	3K	xx xx	DISPLAY ASCII file using ED.COM commands
018.18	FILE-EXT.ASM	7K	xx xx	Display diskette directory with hex data
018.19	FILE-EXT.COM	1K	xx xx	Display diskette directory with hex data
018.20	FILE-XT2.ASM	8K	xx xx	FILE-EXT.ASM w/ CP/M 2.X compatibility
018.21	FILE-XT2.COM	1K	xx xx	FILE-EXT.ASM w/ CP/M 2.X compatibility
018.22	LOOK .ASM	7K	xx xx	Search for 1-9 byte sequence in memory
018.23	LOOK .COM	1K	xx xx	Search for 1-9 byte sequence in memory
018.24	MACTIME .ASM	7K	xx xx	Patch for real TIME clock in MAC.COM
018.25	ASMTIME .ASM	7K	xx xx	Patch for real TIME clock in ASM.COM
018.26	STATTIME.ASM	6K	xx xx	Patch for real TIME clock in STAT.COM
018.27	SAP .ASM	6K	xx xx	Updated directory SORT & PACK for CP/M 2.X
018.28	SAP .COM	1K	xx xx	Updated directory SORT & PACK for CP/M 2.X
018.29	XLOOK .ASM	13K	xx xx	Disk examine/modify utility
019	<see 201>			
020	<see 202>			
021	<see 203>			
022	<see 204>			
023	<see 205>			
024	<see 206>			
025	<see 207>			
026	-CATALOG.026	3K	xx xx	Contents of Sig/M volume 026
026	-CATA026.ACK	1K	xx xx	Acknowledgement file
026	CRCKLIST.026	2K	xx xx	Checksum file
026.01	CHEAT .ADV	3K	xx xx	Unofficial ADVENTURE cheat sheet
026.02	CHEAT .DOC	1K	xx xx	Doc on ADVENTURE cheat sheet
026.03	VEGAS .ASM	26K	xx xx	Super slot machine

026.04	EL-E	.BAS	18K	xx xx	Electrical engineering/design system
026.05	EL-E	.INT	16K	xx xx	Electrical engineering/design system
026.06	EL-E	.DOC	2K	xx xx	Doc on EE design system
026.07	QSO	.BAS	1K	xx xx	Ham notebook - CBASIC
026.08	QSOEDIT	.BAS	4K	xx xx	EDIT for ham notebook
026.09	QSOMERGE	.BAS	2K	xx xx	MERGE for ham notebook
026.10	QSOFIND	.BAS	1K	xx xx	FIND for ham notebook
026.11	QSOSCAN	.BAS	4K	xx xx	SCAN for ham notebook
026.12	QSOLIST	.BAS	1K	xx xx	LIST for ham notebook
026.13	QSO	.DOC	2K	xx xx	DOC for ham notebook
026.14	SYSMON	.ASM	36K	xx xx	Front panel emulator source file
026.15	SYSMON	.COM	5K	xx xx	Front panel emulator object file
026.16	SYSMON	.DOC	6K	xx xx	Front panel emulator documentation
026.17	SVC	.LIB	1K	xx xx	Front panel emulator MACRO library
026.18	MYDDBIOS	.Z80	13K	xx xx	VersaFloppy II double density BIOS
026.19	MYDDBIOS	.DOC	4K	xx xx	VersaFloppy II DD BIOS documentation
026.20	DDSKBIOS	.ASM	2K	xx xx	VersaFloppy II double density BIOS
026.21	MYBOOT	.Z80	2K	xx xx	BOOT for VersaFloppy II DD BIOS
026.22	FORMAT	.Z80	10K	xx xx	FORMAT for VersaFloppy II DD BIOS
026.23	SYSGEN	.Z80	4K	xx xx	SYSGEN for VersaFloppy II DD BIOS
026.24	XEDIT	.BAS	3K	xx xx	Simple MAIL label system - data entry EDITor
026.25	XEDIT	.INT	2K	xx xx	Simple MAIL label system
026.26	XMERGE	.BAS	2K	xx xx	File MERGE - MAIL label system
026.27	XMERGE	.INT	1K	xx xx	File MERGE - MAIL label system
026.28	XSCAN	.BAS	2K	xx xx	Delete items from master MAIL list
026.29	XSCAN	.INT	1K	xx xx	Delete items from master MAIL list
026.30	XEXTRACT	.BAS	2K	xx xx	EXTRACT items from master MAIL list
026.31	XEXTRACT	.INT	1K	xx xx	EXTRACT items from master MAIL list
026.32	XLIST	.BAS	1K	xx xx	LIST items from master MAIL list
026.33	XLIST	.INT	1K	xx xx	LIST items from master MAIL list
026.34	XLABELS	.BAS	2K	xx xx	MAIL LABEL print
026.35	XLABELS	.INT	1K	xx xx	MAIL LABEL print
026.36	XFIND	.BAS	1K	xx xx	Query of master MAIL list
026.37	XFIND	.INT	1K	xx xx	Query of master MAIL list
026.38	XTEL	.BAS	1K	xx xx	Query by TELEphone number
026.39	XTEL	.INT	1K	xx xx	Query by TELEphone number
026.40	XMAIL	.DOC	3K	xx xx	Simple MAIL label system - documentation
027	<see Z08>				
028	<see Z09>				
029	-CATALOG	.029	1K	xx xx	Contents of Sig/M volume 29
029	CRCKLIST	.029	1K	xx xx	CRC of each file in volume 29
029.01	CATALOG	.043	2K	xx xx	Catalog and abstracts of CPMUG volume 43
029.02	CATALOG	.044	9K	xx xx	Catalog and abstracts of CPMUG volume 44
029.03	CATALOG	.045	4K	xx xx	Catalog and abstracts of CPMUG volume 45
029.04	CATALOG	.046	23K	xx xx	Catalog and abstracts of CPMUG volume 46
029.05	CATALOG	.047	25K	xx xx	Catalog and abstracts of CPMUG volume 47
029.06	CATALOG	.048	10K	xx xx	Catalog and abstracts of CPMUG volume 48
029.07	CATALOG	.049	27K	xx xx	Catalog and abstracts of CPMUG volume 49
029.08	CATALOG	.050	32K	xx xx	Catalog and abstracts of CPMUG volume 50
029.09	CATALOG	.051	14K	xx xx	Catalog and abstracts of CPMUG volume 51
029.10	SIGMLOG	.004	10K	xx xx	Catalog and abstracts of Sig/M volume 4
029.11	SIGMLOG	.005	18K	xx xx	Catalog and abstracts of Sig/M volume 5
029.12	SIGMLOG	.006	28K	xx xx	Catalog and abstracts of Sig/M volume 6
029.13	SIGMLOG	.007	5K	xx xx	Catalog and abstracts of Sig/M volume 7

029.14	SIGMLOG .008	12K	xx xx	Catalog and abstracts of Sig/M volume 8
029.15	SIGMLOG .009	8K	xx xx	Catalog and abstracts of Sig/M volume 9
029.16	SIGMLOG .010	9K	xx xx	Catalog and abstracts of Sig/M volume 10
029.17	SIGMLOG .011	1K	xx xx	Catalog and abstracts of Sig/M volume 11
030	-CATALOG.030	1K	xx xx	Contents of Sig/M volume 30
030	CRCKLIST.030	1K	xx xx	CRC of each file in volume 30
030.01	SIGMLOG .012	1K	xx xx	Catalog and abstracts of Sig/M volume 12
030.02	SIGMLOG .013	15K	xx xx	Catalog and abstracts of Sig/M volume 13
030.03	SIGMLOG .014	1K	xx xx	Catalog and abstracts of Sig/M volume 14
030.04	SIGMLOG .016	17K	xx xx	Catalog and abstracts of Sig/M volume 16
030.05	SIGMLOG .017	8K	xx xx	Catalog and abstracts of Sig/M volume 17
030.06	SIGMLOG .018	5K	xx xx	Catalog and abstracts of Sig/M volume 18
030.07	SIGMLOG .019	29K	xx xx	Catalog and abstracts of Sig/M volume 19
030.08	SIGMLOG .020	3K	xx xx	Catalog and abstracts of Sig/M volume 20
030.09	SIGMLOG .021	15K	xx xx	Catalog and abstracts of Sig/M volume 21
030.10	SIGMLOG .022	9K	xx xx	Catalog and abstracts of Sig/M volume 22
030.11	SIGMLOG .023	38K	xx xx	Catalog and abstracts of Sig/M volume 23
030.12	SIGMLOG .024	7K	xx xx	Catalog and abstracts of Sig/M volume 24
030.13	SIGMLOG .025	41K	xx xx	Catalog and abstracts of Sig/M volume 25
030.14	SIGMLOG .026	20K	xx xx	Catalog and abstracts of Sig/M volume 26
030.15	SIGMLOG .027	3K	xx xx	Catalog and abstracts of Sig/M volume 27
030.16	SIGMLOG .028	24K	xx xx	Catalog and abstracts of Sig/M volume 28
031	-CATALOG.031			
031	CRCKLIST.031			CRC of each file on volume 031
031.01	STAR .DOC	19K	xx xx	Docs. for Yale catalog of bright STARS
031.02	STAR .BAS	5K	xx xx	Reads and prints data from STAR catalog
031.03	STARVAL .BAS	4K	xx xx	STAR database validation routine
031.04	STAR1 .DAT	177K	xx xx	Yale catalog of bright STARS Vol 1 of 8
031.05	STAR1 .BAD	10K	xx xx	Sample test errors for STARVAL
031.06	IKB-1 .ROM	8K	xx xx	IMSAI keyboard 2716 EPROM code
031.07	IKB-2 .ROM	4K	xx xx	IMSAI keyboard 2708 EPROM code
031.08	IKB-1&2 .DOC	1K	xx xx	IMSAI keyboard EPROM documentation
032	-CATALOG.032			
032	CRCKLIST.032	1K	xx xx	Checksum file for V 032
032.01	STAR2 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 2 of 8
033	-CATALOG.033			
033	CRCKLIST.033	1K	xx xx	Checksum file for V 033
033.01	STAR3 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 3 of 8
034	-CATALOG.034			
034	CRCKLIST.034	1K	xx xx	Checksum file for V 034
034.01	STAR4 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 4 of 8
035	-CATALOG.035			
035	CRCKLIST.035			Checksum file for V 035
035.1	STAR5 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 5 of 8
036	-CATALOG.036			
036	CRCKLIST.036			Checksum file for V 036
036.1	STAR6 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 6 of 8
037	-CATALOG.037			
037	CRCKLIST.037			Checksum file for V 037
037.1	STAR7 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 7 of 8
038	-CATALOG.038			
038	CRCKLIST.038			Checksum file for V 038
038.1	STAR8 .DAT	235K	xx xx	Yale catalog of bright STARS Vol 8 of 8
039	-CATALOG.039	1K	xx xx	Contents of Sig/M volume 039
039	ACKLIST .039	1K	xx xx	acknowledgement file

039	CRCKLIST.039	2K	xx xx	Checksum file of Sig/M volume 39
039.01	3740UTIL.SUB	1K	xx xx	3740 disk UTILity subroutine
039.02	3740UTIL.DOC	8K	xx xx	Updated 3740 disk UTILity documentation
039.03	3740UTIL.ASM	67K	xx xx	Updated 3740 disk UTILity source file
039.04	3740UTIL.COM	13K	xx xx	Updated 3740 disk UTILity object file
039.05	MACS3740.LIB	17K	xx xx	3740 disk utility MACRO LIBrary
039.06	EGRAMMAR.GMR	1K	xx xx	Extended GRAMMAR for Language Analyzer
039.07	EXAMPLE .GMR	1K	xx xx	Grammar EXAMPLE for Language Analyzer
039.08	EXAMPLE2.	1K	xx xx	Grammar EXAMPLE for Language Analyzer
039.09	GRAMMA .	1K	xx xx	GRAMMAR for Language Analyzer
039.10	LL1ANL .DOC	6K	xx xx	Documentation for Language Analyzer
039.11	LL1ANL .PLI	3K	xx xx	Language Analyzer - main procedure
039.12	LL1ANL .SUB	1K	xx xx	Lang. Analyzer - compile and link procedure
039.13	LL1LNK .SUB	1K	xx xx	Lang. Analyzer - link P00 thru P80 procedure
039.14	LL1P00 .PLI	3K	xx xx	Language Analyzer - procedure
039.15	LL1P10 .PLI	18K	xx xx	Language Analyzer - procedure
039.16	LL1P10 .PLI	19K	xx xx	Language Analyzer - procedure
039.17	LL1P20 .PLI	7K	xx xx	Language Analyzer - procedure
039.18	LL1P30 .PLI	10K	xx xx	Language Analyzer - procedure
039.19	LL1P40 .PLI	6K	xx xx	Language Analyzer - procedure
039.20	LL1P50 .PLI	5K	xx xx	Language Analyzer - procedure
039.21	LL1P60 .PLI	4K	xx xx	Language Analyzer - procedure
039.22	LL1P70 .PLI	4K	xx xx	Language Analyzer - procedure
039.23	LL1P80 .PLI	6K	xx xx	Language Analyzer - procedure
039.24	LL1PRC .PLI	13K	xx xx	Language Analyzer - common procedure
040	-CATALOG.040			
040	ACKLIST .040			Acknowledgement file
040	CRCKLIST.040			Checksum file
040.01	ISIS/CPM.ASM	25K	xx xx	Prom resident ISIS system emulator
040.02	ISIS/CPM.DOC	6K	xx xx	Prom resident ISIS system emulator
040.03	VMAP .BAS	6K	xx xx	MBASIC variable MAPper
040.04	VMAP .DOC	2K	xx xx	Documentation for MBASIC variable MAPper
040.05	VMAP-SUB.DOC	2K	xx xx	MBASIC variable MAPper subroutine
040.06	QUMEDRV .ASM	4K	xx xx	Prom resident QUME DRiVer
040.07	QUMEINST.ASM	4K	xx xx	Prom resident QUME driver INSTall procedure
040.08	CHARFREQ.BAS	2K	xx xx	CHARacter FREQUENCY analysis
040.09	XFERTIME.BAS	2K	xx xx	File transfer TIME program for RCPM
040.10	PAUSWAIT.ASM	8K	xx xx	PAUSE option for SUBMIT
040.11	COMP2 .ASM	8K	xx xx	Text COMPression routine
040.12	COMP2 .COM	1K	xx xx	Text COMPression routine
040.13	EXP2 .ASM	10K	xx xx	Text EXPansion of COMP2
040.14	EXP2 .COM	1K	xx xx	Text EXPansion of COMP2
040.15	MENU-V2 .ASM	18K	xx xx	MENU driver
040.16	MENU-V2 .COM	1K	xx xx	MENU driver
040.17	RUN80-V2.ASM	40K	xx xx	Text formatter
040.18	RUN80-V2.COM	4K	xx xx	Text formatter
040.19	RUN80 .MEM	10K	xx xx	Text formatter
040.20	RUN80 .RNO	9K	xx xx	Text formatter
040.21	HOST .Z80	10K	xx xx	File load between CP/M and Z8000
040.22	HOST .DOC	2K	xx xx	File load between CP/M and Z8000
040.23	HOST .COM	1K	xx xx	File load between CP/M and Z8000
040.24	MDS .Z80	14K	xx xx	MDS FDC emulator
040.25	MDS .PRN	16K	xx xx	MDS FDC emulator
41	-CATALOG.041			

041	ABSTRACT.041			Random notes on Sig/M volume 41
041	ACKLIST .041			Acknowledgement file
041	CRCKLIST.041			
041.01	CDOSCOPY.Z80	12K	xx xx	CDOS diskette COPY program
041.02	CDOSCOPY.COM	2K	xx xx	CDOS diskette COPY program
041.03	CDOSCOPY.PRN	26K	xx xx	CDOS diskette COPY program
041.04	CDOSFMAP.ASM	9K	xx xx	Modified diskette cataloging system
041.05	CDOSFMAP.HEX	3K	xx xx	Modified diskette catalog system for CDOS
041.06	CDOSFMAP.PRN	17K	xx xx	Modified diskette catalog system for CDOS
041.07	CDOSFMAP.COM	1K	xx xx	Modified diskette catalog system for CDOS
041.08	UCAT .ASM	9K	xx xx	Modified catalog update program for CDOS
041.09	UCAT .HEX	5K	xx xx	Modified catalog update program for CDOS
041.10	UCAT .PRN	28K	xx xx	Modified catalog update program for CDOS
041.11	CDOSSAP .Z80	9K	xx xx	CDOS directory Sort and Pack
041.12	CDOSSAP .PRN	19K	xx xx	CDOS directory Sort and Pack
041.13	CDOSSAP .COM	1K	xx xx	CDOS directory Sort and Pack
041.14	FDCBIOS .DOC	6K	xx xx	Updated BIOS for 16FDC and 4FDC
041.15	FDCBIOS .HEX	2K	xx xx	Updated BIOS for 16FDC and 4FDC
041.16	FDCBIOS .Z80	15K	xx xx	Updated BIOS for 16FDC and 4FDC
041.17	FDCBIOS .PRN	36K	xx xx	Updated BIOS for 16FDC and 4FDC
041.18	FDCBOOT .HEX	1K	xx xx	Updated BOOT for 16FDC and 4FDC
041.19	FDCBOOT .Z80	2K	xx xx	Updated BOOT for 16FDC and 4FDC
041.20	FDCBOOT .PRN	5K	xx xx	Updated BOOT for 16FDC and 4FDC
041.21	XEROX .Z80	13K	xx xx	FAST copy ss/sd = 40 seconds
041.22	XEROX .COM	2K	xx xx	FAST copy ss/dd = 70 seconds
042	-CATALOG.042	1K	xx xx	Contents of Sig/M volume 42
042	ACKLIST .042	1K	xx xx	Acknowledgement file
042	CRCKLIST.042	1K	xx xx	Checksum file
042	ABSTRACT.042	3K	xx xx	Random notes on Sig/M volume 42
042.01	HD-BIOS .Z80	30K	xx xx	BIOS for VersaFloppy 2/XComp/Seagate
042.02	HD-BIOS .HEX	5K	xx xx	BIOS for VersaFloppy 2/Xcomp/Seagate
042.03	FDOS .ASM	29K	xx xx	File access - Pertec FDOS and CP/M
042.04	FDOS .COM	3K	xx xx	File access - Pertec FDOS and CP/M
042.05	MTX .ASM	36K	xx xx	File access - Pertec MTX BASIC and CP/M
042.06	MTX .COM	5K	xx xx	File access - Pertec MTX BASIC and CP/M
042.07	MTX2000 .ASM	36K	xx xx	File access - double dens. MTX BASIC & CP/M
042.08	MTX2000 .COM	5K	xx xx	File access - double dens. MTX BASIC & CP/M
042.09	PCC2000B.ASM	8K	xx xx	Expanded access for PCC 2000
042.10	PCC2000B.COM	1K	xx xx	Expanded access for PCC 2000
042.11	WMNOTES	2K	xx xx	WordMaster customization notes
042.12	WM .CTL	1K	xx xx	WordMaster control codes
042.13	WM .DOC	8K	xx xx	Document. for WordMaster customization notes
042.14	WM .SYM	11K	xx xx	WordMaster symbol table
042.15	BYE .Z80	37K	xx xx	Remote control program for CDOS
043	-CATALOG.043	2K	xx xx	Contents of Sig/M volume 43
043	ABSTRACT.043	7K	xx xx	Abstract of Sig/M volume 43
043	ACKLIST .043	1K	xx xx	ACKnowledgement file
043	CRCK .COM	2K	xx xx	CRC generation and test program
043	CRCKLIST.043	2K	xx xx	CRC LIST of Sig/M volume 43
043.01	DESCRIP .DOC	16K	xx xx	Details of TINCMP and PIDGIN
043.02	IOCMPLX .ASM	19K	xx xx	I/O subrtns for PIDGIN programming system
043.03	IOCMPLX .REL	2K	xx xx	Relocatable I/O subroutines for PIDGIN
043.04	MACROS .PGN	8K	xx xx	MACROs to translate PIDGIN to 8080 assembly
043.05	PIDGIN .S2M	10K	xx xx	MACROs used when bootstrapping from STAGE2

043.06	PIDGINLB.REL	1K	xx xx	Relocatable lib. of WRNXT, SYSTEM & PIDMATH
043.07	PIDMATH.ASM	5K	xx xx	16 bit integer arithmetic routines source
043.08	PIDMATH.REL	1K	xx xx	16 bit integer arithmetic routines
043.09	STAGE2.COM	12K	xx xx	STAGE2 MACRO processor (in FLUB) -see C51
043.10	SYSTEM.ASM	1K	xx xx	CP/M definitions for PIDGIN
043.11	SYSTEM.REL	1K	xx xx	CP/M definitions for PIDGIN
043.12	TINCMPC.COM	17K	xx xx	TINCMPC compiler
043.13	TINCMPC.MAC	20K	xx xx	Output of TINCMPC (in PIDGIN) using TINCMPC
043.14	TINCMPC.PGN	12K	xx xx	TINCMPC compiler source in PIDGIN
043.15	TINCMPC.REL	5K	xx xx	TINCMPC compiler relocatable file
043.16	TINTEST1.PGN	3K	xx xx	TINCMPC TEST routine - used to design MACROs
043.17	TINTEST2.PGN	3K	xx xx	TINCMPC TEST routine - used to design MACROs
043.18	TINTEST3.PGN	1K	xx xx	TINCMPC TEST routine - used to design MACROs
043.19	TINTEST4.PGN	3K	xx xx	TINCMPC TEST routine - used to design MACROs
043.20	TINTEST5.PGN	2K	xx xx	TINCMPC TEST routine - used to design MACROs
043.21	TINTEST6.PGN	2K	xx xx	TINCMPC TEST routine - used to design MACROs
043.22	WC.PGN	2K	xx xx	TINCMPC Word Counter test program
043.23	WRNXT.ASM	1K	xx xx	Console R/W routines for PIDGIN w/CP/M
043.24	WRNXT.REL	1K	xx xx	Console R/W routines for PIDGIN w/CP/M
043.25	CBIOS.A86	17K	xx xx	CP/M-86 BIOS for CompuPro 8085/8088
043.26	GOCPM86.ASM	1K	xx xx	Transfer control to CP/M-86
043.27	ERQ.A86	3K	xx xx	CP/M-86 ERase selective files
043.28	SD.A86	15K	xx xx	CP/M-86 Super Directory
044	-CATALOG.044			Contents of Sig/M volume 44
044	ACKLIST.044			ACKnowledgement file
044	CRCKLIST.044			CRC LIST of Sig/M volume 44
044.01	CHAT16.ASM	8K	xx xx	Interactive remote/local communications
044.02	CPM2HELI.DOC	4K	xx xx	Documentation on CP/M to HELIOS
044.03	CPM2HELI.OBJ	1K	xx xx	Convert CP/M text to HELIOS II edit files
044.04	CPM2HELI.S	5K	xx xx	Convert CP/M text to HELIOS II edit files
044.05	DU-V77.ASM	42K	xx xx	Disk Utility version 7.7
044.06	DU-V77.DOC	6K	xx xx	Disk Utility version 7.7
044.07	DU-V77.OBJ	6K	xx xx	Disk Utility version 7.7
044.08	FLAGS.DOC	2K	xx xx	Edit file attributes
044.09	FLAGS12.ASM	12K	xx xx	Flags editor - file attributes - uses MAC
044.10	FMAP4.ASM	11K	xx xx	FMAP version 4.0 for cataloging system
044.11	FMAP4.OBJ	2K	xx xx	FMAP version 4.0 for cataloging system
044.12	HELI2CPM.OBJ	1K	xx xx	HELIOS II to CP/M text file
044.13	HELI2CPM.S	5K	xx xx	HELIOS II to CP/M text file
044.14	PIPPATCH.ASM	5K	xx xx	Patch for PIP
044.15	SD-41.ASM	46K	xx xx	Super Directory version 4.1
044.16	SD-41.DOC	12K	xx xx	SD version 4.1 documentation notes
044.17	UNERA.HLP	3K	xx xx	unERase erased programs
044.18	UNERA11.ASM	6K	xx xx	unERase erased programs
044.19	WASH-10.DOC	16K	xx xx	Documentation on operation of WASH.COM
044.20	WASH-16.ASM	34K	xx xx	Disk dir. maintenance utility - vers 1.6
045	-CATALOG.045			released November 25, 1981
045	CRCKLIST.045			Checksum of Sig/M volume 45
045.01	ACTORS.FTN	16K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3
045.02	CLOCKR.FTN	17K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3
045.03	DEMONS.FTN	19K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3
045.04	DGAME.FTN	10K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3
045.05	DINIT.FTN	12K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3
045.06	DMAIN.FTN	13K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3
045.07	DSUB.FTN	18K	xx xx	Dungeon (Original PDP-11 code) vol 1 of 3

045.08	DUNGE0	.DOC	22K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.09	DVERB1	.FTN	13K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.10	DVERB2	.FTN	18K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.11	GDT	.FTN	15K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.12	OBJCTS	.FTN	21K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.13	RRND	.MAC	2K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.14	RSXTIM	.MAC	1K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.15	SVERBS	.FTN	18K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
045.16	VERBS	.FTN	21K	xx xx	Dungeon (Original PDP-11 code)	vol 1 of 3
046	-CATALOG.046				released November 25, 1981	
046	CRCKLIST.046				Checksum of Sig/M volume 46	
046.01	D	.ODL	1K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.02	DTEXT	.DAT	221K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.03	LIGHTP	.FOR	6K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.04	RSTSCB	.CTL	2K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.05	RSXBLD	.CMD	1K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.06	RSXCMP	.CMD	1K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.07	RTBLD	.COM	1K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.08	RTCMP	.COM	1K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.09	VMSBLD	.COM	1K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
046.10	VMSCMP	.COM	2K	xx xx	Dungeon (Original PDP-11 code)	vol 2 of 3
047	-CATALOG.047				released November 25, 1981	
047	CRCKLIST.047				Checksum of Sig/M volume 47	
047.01	BALLOP	.FOR	7K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.02	DINDX	.DAT	49K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.03	DS01	.FOR	6K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.04	DS02	.FOR	8K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.05	DS03	.FOR	4K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.06	DS04	.FOR	7K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.07	DS05	.FOR	5K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.08	DS06	.FOR	6K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.09	DS07	.FOR	7K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.10	NOBJS	.FOR	20K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.11	NP	.FOR	5K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.12	NP1	.FOR	25K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.13	NP2	.FOR	6K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.14	NP3	.FOR	10K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.15	NROOMS	.FOR	15K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.16	R00MS	.FOR	18K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.17	RTTIM	.FOR	1K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.18	SOBJS	.FOR	18K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.19	VILLNS	.FOR	19K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
047.20	VMSTIM	.FOR	1K	xx xx	Dungeon (Original PDP-11 code)	vol 3 of 3
048	-CATALOG.048				Contents of Sig/M volume 48	
048	ACKLIST.048				ACKnowledgement file	
048	CRCKLIST.048				CRC LIST of Sig/M volume 48	
048.01	CARRY12	.ASM	6K	xx xx	Change disks before load&execute .COM files	
048.02	MODEM7	.DOC	16K	xx xx	MODEM7 documentation	
048.03	MODEM7	.LIB	14K	xx xx	MODEM7 MACRO library	
048.04	MODEM7	.SET	3K	xx xx	MODEM7 setup program	
048.05	MODEM73	.ASM	63K	xx xx	MODEM version 7.3 source file	
048.06	MODEM73	.OBJ	10K	xx xx	MODEM version 7.3 object file	
048.07	SENDOUT3	.ASM	5K	xx xx	SENDout utility for PMMI modem	
048.08	UNSP00L	.ASM	13K	xx xx	DESP00L look-alike - uses MAC	
048.09	UNSP00L	.DOC	8K	xx xx	Documentation on UNSP00L	

048.10	USRDFLT2.CCP	15K	xx xx	Pseudo CCP USER
048.11	USRPW34 .ASM	17K	xx xx	PassWord for USER access control in RCPM
048.12	XMODEM46.ASM	39K	xx xx	Remote CP/M file transfer program
048.13	SQ .COM	14K	xx xx	Pack ASCII file
048.14	USQ .COM	10K	xx xx	Unpack ASCII file
049	-CATALOG.049			Contents of Sig/M volume 49
049	ABSTRACT.049			Comments on programs
049.01	ADDADR .ASM	1K	xx xx	Add Address w/displacement using 16 bits
049.02	ARCOMMON.DCL	1K	xx xx	Accounts Receivable Common areas
049.03	ARCUSTM .DCL	2K	xx xx	AR CUSTOMer Master record
049.04	ARLINK .SUB	1K	xx xx	AR LINK utility
049.05	ARM000 .ASM	2K	xx xx	AR driver menu
049.06	ARM010 .ASM	2K	xx xx	AR driver menu
049.07	ARM011 .ASM	3K	xx xx	AR record update background menu
049.08	ARM020 .ASM	2K	xx xx	AR label menu
049.09	ARM030 .ASM	2K	xx xx	AR label menu
049.10	ARM040 .ASM	2K	xx xx	AR menu
049.11	ARM050 .ASM	2K	xx xx	AR file off-load menu
049.12	ARM060 .ASM	2K	xx xx	AR file load menu
049.13	ARM070 .ASM	2K	xx xx	AR menu
049.14	ARP000 .PLI	3K	xx xx	HWCS Accounts Receivable/Payable main menu
049.15	ARP000 .SUB	1K	xx xx	ARP main menu
049.16	ARP010 .PLI	12K	xx xx	ARP Customer master file maintenance
049.17	ARP010 .SUB	1K	xx xx	ARP Customer master file maintenance
049.18	ARP020 .PLI	6K	xx xx	ARP Technical label report
049.19	ARP020 .SUB	1K	xx xx	ARP Technical label report
049.20	ARP030 .PLI	6K	xx xx	ARP Billing label report
049.21	ARP030 .SUB	1K	xx xx	ARP Billing label report
049.22	ARP040 .PLI	8K	xx xx	ARP Customer list report
049.23	ARP040 .SUB	1K	xx xx	ARP Customer list report
049.24	ARP050 .PLI	5K	xx xx	ARP Customer file off-load
049.25	ARP050 .SUB	1K	xx xx	ARP Customer file off-load
049.26	ARP060 .PLI	5K	xx xx	ARP Customer file load
049.27	ARP060 .SUB	1K	xx xx	ARP Customer file load
049.28	ARP070 .PLI	6K	xx xx	ARP Telephone call report
049.29	ARP070 .SUB	1K	xx xx	ARP Telephone call report
049.30	CHAIN .ASM	6K	xx xx	PL/1 CHAIN routine
049.31	GETD92 .PLI	2K	xx xx	MasterDBS - Get decimal number from terminal
049.32	MDBSAMS .PLI	1K	xx xx	MasterDBS - Add member to a set
049.34				
049.33	MDBSCALL.SUB	1K	xx xx	MasterDBS - Call interface batch processor
049.34	MDBSCL .ASM	4K	xx xx	MasterDBS - Call interface program
049.35	MDBSCL01.ASM	3K	xx xx	MasterDBS - Call interface type 1
049.36	MDBSCL02.ASM	4K	xx xx	MasterDBS - Call interface type 2
049.37	MDBSCL03.ASM	3K	xx xx	MasterDBS - Call interface type 3
049.38	MDBSCRS .PLI	1K	xx xx	MasterDBS - Create record and store data
049.39	MDBSDRM .PLI	1K	xx xx	MasterDBS - Delete a member from a set
049.40	MDBSER .ASM	6K	xx xx	MasterDBS - Error message program
049.41	MDBSER .PLI	5K	xx xx	MasterDBS - Error message program in PL/1
049.42	MDBSFFM .PLI	1K	xx xx	MasterDBS - Find first member of a set
049.43	MDBSFMSK .PLI	1K	xx xx	MasterDBS - Find set member from sort key
049.44	MDBSFNM .PLI	1K	xx xx	MasterDBS - Find next member of a set
049.45	MDBSGETM .PLI	1K	xx xx	MasterDBS - Get a member of a set

049.46	MDBSPLII.ASM	5K	xx xx	MasterDBS - Initialization & chain program
049.47	MDBSPLII.SUB	1K	xx xx	MasterDBS - Init & chain batch processor
049.48	MDBSPUTM.PLI	16K	xx xx	MasterDBS - Put a member of a set
049.49	MDBSRMS .PLI	1K	xx xx	MasterDBS - Remove current member from a set
049.50	MDBSSOM .PLI	1K	xx xx	MasterDBS - Set current owner w/curr. member
049.51	MODEM .ASM	12K	xx xx	DC Hayes MODEM subroutines
049.52	OUTTEL .PLI	1K	xx xx	OUTput a TELEphone number
049.53	OUTZIP .PLI	1K	xx xx	OUTput a ZIP code
049.54	PLIAUX .SUB	1K	xx xx	Generate PL/1 AUXillary file on A:
049.55	PUTERR .PLI	1K	xx xx	PUT ERRor message to console
049.56	SCRNMAC .LIB	3K	xx xx	MACro to clear SCReen on SOROC 120
049.57	SCRRTN .ASM	29K	xx xx	SCReen handling subroutine
049.58	SUBS1 .SUB	1K	xx xx	Compile PL/1 SUBroutines - batch processor
050	-CATALOG.050			Contents of Sig/M volume 50
050.01	BIOS1 .	6K	xx xx	DTC hard/floppy disk BIOS version 2.2B
050.02	BIOS2 .	16K	xx xx	DTC hard/floppy disk BIOS
050.03	BIOS3 .	12K	xx xx	DTC hard/floppy disk BIOS
050.04	BIOS4 .	2K	xx xx	DTC hard/floppy disk BIOS
050.05	BOOT .	5K	xx xx	DTC hard disk BOOT
050.06	CONFIG .	3K	xx xx	DTC 510 controller config
050.07	DTC .	6K	xx xx	DTC 510 controller equates
050.08	DTCLOAD .ASM	5K	xx xx	DTC LOAdEr source file
050.09	DTCLOAD .COM	1K	xx xx	DTC LOAdEr command file
050.10	DTCLOAD .HEX	2K	xx xx	DTC LOAdEr HEX file
050.11	DTCLOAD .PRN	10K	xx xx	DTC LOAdEr assembled print file
050.12	FORMAT .	16K	xx xx	FORMAT for DTC hard disk BIOS
050.13	GBC .	4K	xx xx	CompuPro Interfacer board equates
050.14	INSTALL .	4K	xx xx	DTC hard disk BIOS INSTALL program
050.15	MODEL .	1K	xx xx	DTC hard disk BIOS support
050.16	README .	6K	xx xx	Instructions on installing the DTC system
050.17	ROM .	4K	xx xx	DTC hard disk ROM BOOT
050.18	SBC .	4K	xx xx	Intel SBC 80/30 singl brd cmptr I/O equates
050.19	STSCMD .	4K	xx xx	SYSCMD Ver 2.1 - DTC hard disk BIOS support
050.20	STSCMD .SUB	1K	xx xx	DTC hard disk BIOS support
050.21	STSCOPY .	19K	xx xx	DTC hard disk BIOS support
050.22	STSCOPY .SUB	1K	xx xx	DTC hard disk BIOS support
050.23	SYSCMD .	4K	xx xx	DTC hard disk system
050.24	SYSCMD .SUB	1K	xx xx	DTC hard disk BIOS support
050.25	SYSTEM .SUB	2K	xx xx	DTC hard disk BIOS support
050.26	U .ASM	4K	xx xx	Select drive & User area w/1 command
050.27	U .COM	1K	xx xx	Select drive & User area w/1 command
050.28	U .HEX	2K	xx xx	Select drive and User area
050.29	U .PRN	6K	xx xx	Select drive and User area
050.30	TALK@ .LIB	1K	xx xx	Starting place for new voice programs
050.31	VMAC .ASM	3K	xx xx	MAC assembler overlay
050.32	VMAC .HEX	1K	xx xx	HEX file for VMAC
050.33	VMAC .PRN	5K	xx xx	Assembled print file for VMAC
050.34	VOIC@ .DOC	3K	xx xx	Documentation for speech synthesis system
050.35	VOIC@ .LIB	18K	xx xx	Driver for CP/M phoneme defns & dictionary
050.36	VOIC@EQU.LIB	6K	xx xx	Driver for CP/M phoneme definitions
050.37	VRMAC .ASM	3K	xx xx	RMAC assembler overlay
050.38	VRMAC .HEX	1K	xx xx	HEX file for VRMAC

050.39	VRMAC .PRN	5K	xx xx	Assembled print file for VRMAC
050.40	YESMASTR.VOC	1K	xx xx	Speech synthesis - "yes master" test program
51	-CATALOG.051			released January 2, 1982
051.01	EXTRACT .CPM	5K	xx xx	CPMUG volume titles
051.02	EXTRACT .SIG	5K	xx xx	Sig/M volume titles
051.03	MEMO1981.SIG	6K	xx xx	Sig/M 1981 memo's
051.04	NEWS0281.SIG	2K	xx xx	Sig/M February 1981 newsletter
051.05	NEWS0481.SIG	8K	xx xx	Sig/M April 1981 newsletter
051.06	NEWS0581.SIG	8K	xx xx	Sig/M May 1981 newsletter
051.07	NEWS0681.SIG	8K	xx xx	Sig/M June 1981 newsletter
051.08	NEWS0781.SIG	8K	xx xx	Sig/M July 1981 newsletter
051.09	NEWS0881.SIG	8K	xx xx	Sig/M August 1981 newsletter
051.10	NEWS0981.SIG	4K	xx xx	Sig/M September 1981 newsletter
051.11	NEWS1081.SIG	8K	xx xx	Sig/M October 1981 newsletter
051.12	NEWS1181.SIG	3K	xx xx	Sig/M November 1981 newsletter
051.13	NEWS1281.SIG	7K	xx xx	Sig/M December 1981 newsletter
051.14	NEWS1980.SIG	13K	xx xx	Sig/M 1980 newsletter
051.15	SUMMARY .CPM	91K	xx xx	Summary of CPMUG catalogs
051.16	SUMMARY .SIG	48K	xx xx	Summary of Sig/M catalogs
052	-CATALOG.052	1K	xx xx	Contents of Sig/M volume 52
052	ABSTRACT.052	5K	xx xx	Sig/M volume 52 documentation
052.01	CAT .COM	1K	xx xx	CATaloging program
052.02	FMAP .COM	2K	xx xx	Sorted directory MAPping program
052.03	UCAT .COM	2K	xx xx	CATalog Update program
052.04	CATALIST.BAS	8K	xx xx	LISTs contents of CPMUG and SIG/M volumes
052.05	CATALIST.COM	22K	xx xx	Object catalog LIST program
052.06	SCATPAD .BAS	2K	xx xx	PADs spaces for fixed length records
052.07	SCATPAD .COM	15K	xx xx	PADs spaces for fixed length records
052.08	SCAT .	69K	xx xx	Sig/M-CPMUG reference data
052.09	MAST .CAT	72K	xx xx	Sig/M-CPMUG reference data
052.10	TestProt.BAS	1K	xx xx	Sample 'P'rotected file
052.11	UN .COM	5K	xx xx	un'P'rotect MBASIC programs
053	-CATALOG.053			Contents of Sig/M volume 53
053	ABSTRACT.053			SAM76 documentation
053.01	ASTRO .FNT	8K	xx xx	ASTROlogical signs for graphics
053.02	BONUS .DOC	1K	xx xx	Documentation on COPY features of SAM76
053.03	BOOK .DOC	1K	xx xx	How to order SAM76 manual
053.04	CPMSETL .COM	1K	xx xx	Sets up SAM76 for CP/M monitor
053.05	DEMO .SAM	3K	xx xx	Some interesting DEMO programs
053.06	DIRFIX .SAM	1K	xx xx	Disk DIRectory FIX routine
053.07	EXTF .ASM	19K	xx xx	Various routines, including clock driver
053.08	EXTF .DOC	1K	xx xx	Documentation on EXTF
053.09	FRIEND .DOC	1K	xx xx	Version of SAM76 that runs at 8000H
053.10	G .SAM	2K	xx xx	Sets up SAM for load-and-Go
053.11	HOOH .SAM	1K	xx xx	Hex to octal to hex
053.12	IDUMP .COM	1K	xx xx	Interpreted HEX-ASCII file DUMP (**)
053.13	ILRAW .COM	13K	xx xx	Raw copy of SAM76 - see READ-ME.DOC & S.DOC
053.14	INFO .SAM	10K	xx xx	Creates following .DOC files
053.15	INFO1 .DOC	1K	xx xx	<<Empty>> ??
053.16	INFO2 .DOC	1K	xx xx	How to use SAM76
053.17	INFO3 .DOC	2K	xx xx	How to use SAM76 continued
053.18	INFO4 .DOC	1K	xx xx	<<Empty>> ??
053.19	INFO5 .DOC	2K	xx xx	New features of SAM76
053.20	LABEL .SAM	3K	xx xx	SAM demo program

053.21	LOOP	.SAM	1K	xx xx	SAM demo program
053.22	MOVE2	.SAM	1K	xx xx	SAM demo program
053.23	MULT	.SAM	1K	xx xx	MULTiplies long decimal #'s
053.24	NEWS	.SAM	5K	xx xx	Random NEWS story generator
053.25	P1UR	.FNT	10K	xx xx	Used with graphics
053.26	PLOT	.ASM	15K	xx xx	SAM76 overlay permits vector graphics plots
053.27	PLOT	.DOC	1K	xx xx	Documentation for PLOT
053.28	PRINT	.SAM	7K	xx xx	PRINT SAM files
053.29	READ-ME	.DOC	3K	xx xx	Initial setup
053.30	S	.DOC	2K	xx xx	DOC on creating S.COM
053.31	SIZE	.SAM	1K	xx xx	SAM Demo program
053.32	SIZLST	.SAM	1K	xx xx	SAM Demo program
053.33	SLED	.SAM	4K	xx xx	SAM Demo program
053.34	THREED	.SAM	4K	xx xx	SAM Demo program
053.35	UPD051	.TXT	7K	xx xx	DOC of SAM (nonstandard text/file format)
053.36	UPD052	.TXT	7K	xx xx	DOC of SAM (nonstandard text/file format)
053.37	VERIFY	.SAM	1K	xx xx	Demo
053.38	VOLSAM	.DOC	6K	xx xx	Volume documentation ("extended abstract")
053.39	X\$UTIL	.SAM	3K	xx xx	Demo
054	-CATALOG.054				Contents of Sig/M volume 54
054.01	BDOSLOC	.ASM	2K	xx xx	BDOS and CCP locator
054.02	DISK	.DIR	1K	xx xx	ZCPR distribution disk DIRectory
054.03	READ	.ME	6K	xx xx	Explains ZCPR
054.04	SIG/M	.SUB	4K	xx xx	Contribution form
054.05	ZCPR	.ASM	51K	xx xx	280 replacement for the CP/M CCP - uses MAC
054.06	ZCPR	.DOC	45K	xx xx	Documentation on ZCPR
054.07	ZCPR	.HLP	15K	xx xx	Summary of the new features of ZCPR
054.08	ZCPR	.WS	40K	xx xx	Wordstar source to DOC file on ZCPR
054.09	I/O-CAP	.ADD	1K	xx xx	Capture CONIN and CONOUT on disk file
054.10	I/O-CAP	.ASM	19K	xx xx	Capture CONIN and CONOUT on disk file
054.11	TTBOOT	.ASM	3K	xx xx	2.2 BOOT for Thinker Toys disk jockey
054.12	TTCBIOS	.ASM	7K	xx xx	2.2 BIOS for Thinker Toys disk jockey
054.13	TTSDDJ	.HLP	4K	xx xx	Bringing up Thinker Toys disk jockey BIOS
055	-CATALOG.055				Contents of Sig/M volume 55
055.01	SIGMLOG	.031	20K	xx xx	Sig/M volume 31 documentation
055.02	SIGMLOG	.032	1K	xx xx	Sig/M volume 32 documentation
055.03	SIGMLOG	.033	1K	xx xx	Sig/M volume 33 documentation
055.04	SIGMLOG	.034	1K	xx xx	Sig/M volume 34 documentation
055.05	SIGMLOG	.035	1K	xx xx	Sig/M volume 35 documentation
055.06	SIGMLOG	.036	1K	xx xx	Sig/M volume 36 documentation
055.07	SIGMLOG	.037	1K	xx xx	Sig/M volume 37 documentation
055.08	SIGMLOG	.038	1K	xx xx	Sig/M volume 38 documentation
055.09	SIGMLOG	.039	15K	xx xx	Sig/M volume 39 documentation
055.10	SIGMLOG	.040	11K	xx xx	Sig/M volume 40 documentation
055.11	SIGMLOG	.041	9K	xx xx	Sig/M volume 41 documentation
055.12	SIGMLOG	.042	13K	xx xx	Sig/M volume 42 documentation
055.13	SIGMLOG	.043	24K	xx xx	Sig/M volume 43 documentation
055.14	SIGMLOG	.044	39K	xx xx	Sig/M volume 44 documentation
055.15	SIGMLOG	.045	23K	xx xx	Sig/M volume 45 documentation
055.16	SIGMLOG	.046	1K	xx xx	Sig/M volume 46 documentation
055.17	SIGMLOG	.047	1K	xx xx	Sig/M volume 47 documentation
055.18	SIGMLOG	.048	24K	xx xx	Sig/M volume 48 documentation
055.19	SIGMLOG	.049	4K	xx xx	Sig/M volume 49 documentation
055.20	SIGMLOG	.050	5K	xx xx	Sig/M volume 50 documentation
055.21	SIGMLOG	.051	1K	xx xx	Sig/M volume 51 documentation

055.22	SIGMLOG .052	6K	xx xx	Sig/M volume 52 documentation
055.23	SIGMLOG .053	12K	xx xx	Sig/M volume 53 documentation
056	-CATALOG.056			Contents of Sig/M volume 56
056.01	COMP .COM	8K	xx xx	Musicraft system 2 pass COMPiler
056.02	EDIT .COM	11K	xx xx	Musicraft system EDITor
056.03	HELP .MUS	42K	xx xx	Musicraft system HELP facility
056.04	MUSIC .COM	4K	xx xx	Musicraft MUSIC system
056.05	PCOPY .COM	1K	xx xx	Musicraft system COPY program
056.06	PRINT .COM	1K	xx xx	Musicraft system - obtain PRINTed score
056.07	PLAY .COM	9K	xx xx	Musicraft system - load and PLAY music
056.08	READ .ME	1K	xx xx	How to get into the Musicraft system
056.09	SETUP .COM	14K	xx xx	Tailor the programs to your system
056.10	UTIL .COM	7K	xx xx	Musicraft system - UTILity program
056.11	WAVE .COM	7K	xx xx	Musicraft - instrument WAVEform generator
056.12	APND1 .DOC	17K	xx xx	Musicraft setup worksheet documentation
056.13	APND2 .DOC	3K	xx xx	Musicraft worksheet documentation continued
056.14	CHECK .DOC	14K	xx xx	Initial CHECKout documentation
056.15	INTRO .DOC	16K	xx xx	Table of Contents & INTRO to Musicraft
056.16	OPTNS .DOC	16K	xx xx	OPTION line description
056.17	PROG1 .DOC	19K	xx xx	Programs description
056.18	PROG2 .DOC	17K	xx xx	Programs description continued
056.19	PROG3 .DOC	19K	xx xx	Programs description continued
057	-CATALOG.057			Contents of Sig/M volume 57
057.01	ALEGRETO.SNG	3K	xx xx	Musicraft selection
057.02	BACHBUCH.SCD	1K	xx xx	Musicraft jukebox menu selection
057.03	BBB .SNG	8K	xx xx	Musicraft selection
057.04	BIRTHDAY.SNG	1K	xx xx	Musicraft selection
057.05	BOURREE .SNG	4K	xx xx	Musicraft selection
057.06	CAPRICIO.SNG	4K	xx xx	Musicraft selection
057.07	CLARINET.WAV	1K	xx xx	Musicraft waveform table
057.08	CLASSICS.SCD	1K	xx xx	Musicraft jukebox menu selection
057.09	CODA .SNG	7K	xx xx	Musicraft selection
057.10	DUET .SNG	2K	xx xx	Musicraft selection
057.11	EQ12 .WAV	1K	xx xx	Musicraft waveform table
057.12	EQ124 .WAV	1K	xx xx	Musicraft waveform table
057.13	FLS .SNG	9K	xx xx	Musicraft selection
057.14	FUGHETTO.SNG	3K	xx xx	Musicraft selection
057.15	GAVOTTE .SNG	7K	xx xx	Musicraft selection
057.16	INTERACT.SCD	1K	xx xx	Musicraft jukebox menu selection
057.17	INVENT1 .SNG	6K	xx xx	Musicraft selection
057.18	INVENT3 .SNG	7K	xx xx	Musicraft selection
057.19	INVENT4 .SNG	7K	xx xx	Musicraft selection
057.20	INVENT8 .SNG	7K	xx xx	Musicraft selection
057.21	KYBD1 .SNG	3K	xx xx	Musicraft selection
057.22	KYBD2 .SNG	1K	xx xx	Musicraft selection
057.23	KYBD3 .SNG	1K	xx xx	Musicraft selection
057.24	KYBD4 .SNG	3K	xx xx	Musicraft selection
057.25	MODERN .SCD	1K	xx xx	Musicraft jukebox menu selection
057.26	MOLTO .SNG	5K	xx xx	Musicraft selection
057.27	MOZART .SNG	4K	xx xx	Musicraft selection
057.28	OBOE .WAV	1K	xx xx	Musicraft waveform table
057.29	ORGAN .WAV	1K	xx xx	Musicraft waveform table
057.30	ORIGINAL.SCD	1K	xx xx	Musicraft jukebox menu selection
057.31	PAUL .SNG	5K	xx xx	Musicraft selection
057.32	PRAELUD1.SNG	10K	xx xx	Musicraft selection

057.33	READ	.ME	1K	xx xx	Musicraft selection
057.34	SAW2	.WAV	1K	xx xx	Musicraft waveform table
057.35	SAW3	.WAV	1K	xx xx	Musicraft waveform table
057.36	SAW4	.WAV	1K	xx xx	Musicraft waveform table
057.37	SAWTOOTH	.WAV	1K	xx xx	Musicraft waveform table
057.38	SCARLATI	.SNG	18K	xx xx	Musicraft selection
057.39	SCHERZO	.SNG	4K	xx xx	Musicraft selection
057.40	SHOSTOI	.SNG	10K	xx xx	Musicraft selection
057.41	SINE	.WAV	1K	xx xx	Musicraft waveform table
057.42	SQUARE	.WAV	1K	xx xx	Musicraft waveform table
057.43	T42	.SNG	6K	xx xx	Musicraft selection
057.44	TRNS	.SNG	7K	xx xx	Musicraft selection
057.45	TRUMPET	.WAV	1K	xx xx	Musicraft waveform table
057.46	TRUMPET2	.WAV	1K	xx xx	Musicraft waveform table
057.47	VANBEET	.SNG	6K	xx xx	Musicraft selection
057.48	WAVES	.SCD	1K	xx xx	Musicraft selection
057.49	WAVES	.SNG	1K	xx xx	Musicraft selection
058	-CATALOG.058				Contents of Sig/M volume 58
058.01	CIOS	.SQC	9K	xx xx	Musicraft logical I/O system source for CP/M
058.02	CIOSP	.SQC	5K	xx xx	Musicraft logical I/O system source for CP/M
058.03	COMP1	.SQC	12K	xx xx	Musicraft compiler source code
058.04	COMP2	.SQC	1K	xx xx	Musicraft compiler source code
058.05	CPM	.SQC	1K	xx xx	Musicraft CP/M equates
058.06	CUTIL	.SQC	6K	xx xx	CP/M version of UTIL subroutine package
058.07	EDIT1	.SQC	11K	xx xx	Musicraft development system EDITor source
058.08	EDIT2	.SQC	7K	xx xx	Musicraft development system EDITor source
058.09	EDIT3	.SQC	11K	xx xx	Musicraft development system EDITor source
058.10	EDIT4	.SQC	6K	xx xx	Musicraft development system EDITor source
058.11	EDIT5	.SQC	1K	xx xx	Musicraft development system EDITor source
058.12	FLOAT	.SQC	11K	xx xx	Musicraft floating point source code
058.13	MACROS	.SQC	4K	xx xx	Musicraft MACROs source code
058.14	MUSIC1	.SQC	5K	xx xx	Musicraft MUSIC development system source
058.15	MUSIC2	.SQC	1K	xx xx	Musicraft MUSIC development system source
058.16	PLAY1	.SQC	12K	xx xx	Musicraft system - play a song
058.17	PLAY2	.SQC	7K	xx xx	Musicraft system - play a song
058.18	TIOS	.SQC	5K	xx xx	Logical I/O system for TRS-80 level 2
058.19	TIOSP	.SQC	5K	xx xx	Logical I/O system for TRS-80 level 2
058.20	TRS80	.SQC	1K	xx xx	TRS-80 implementation of Musicraft system
058.21	TUTIL	.SQC	5K	xx xx	TRS-80 version of UTILITY subroutine package
058.22	UTIL1	.SQC	12K	xx xx	UTILITY subroutine package source code
058.23	UTIL2	.SQC	2K	xx xx	UTILITY subroutine package source code
058.24	WAVE1	.SQC	12K	xx xx	Generates attribute library of instruments
058.25	WAVE2	.SQC	2K	xx xx	Generates attribute library of instruments
058.26	SQ	.COM	14K	xx xx	Squeeze compression program
058.27	USQ	.COM	10K	xx xx	UnSqueeze expansion program
059	-CATALOG.059				Contents of Sig/M volume 59
059	SIG/M	.LIB			Sig/M library submittal form
059	CRCK	.COM		xx xx	Computes CRC for files
059.01	CABORT	.ASM	2K	xx xx	Users level ABORT for BDS-C version 1.44
059.02	CABORT	.CRL	1K	xx xx	Users level ABORT for BDS-C version 1.44
059.03	CORE1	.	13K	xx xx	CORE image that results from compiling PBASE

059.04	ENVIRON	.DOC	2K	xx xx	Notes on customization of PISTOL
059.05	PBASE	.	17K	xx xx	PISTOL source to educate PISTOL.COM
059.06	PISTB	.C	8K	xx xx	Second PISTOL module
059.07	PISTB	.CRL	6K	xx xx	Second PISTOL module
059.08	PISTC	.C	3K	xx xx	Third PISTOL module
059.09	PISTC	.CRL	2K	xx xx	Third PISTOL module
059.10	PISTD	.C	5K	xx xx	Fourth PISTOL module
059.11	PISTD	.CRL	5K	xx xx	Fourth PISTOL module
059.12	PISTE	.C	3K	xx xx	Fifth PISTOL module
059.13	PISTE	.CRL	2K	xx xx	Fifth PISTOL module
059.14	PISTF	.C	6K	xx xx	Sixth & final PISTOL module
059.15	PISTF	.CRL	4K	xx xx	Sixth & final PISTOL module
059.16	PISTGEN	.SUB	1K	xx xx	SUBMIT file to GENERate this disk
059.17	PISTOL	.C	4K	xx xx	Main PISTOL module
059.18	PISTOL	.COM	18K	xx xx	This & 'CORE1' make new develop lang. PISTOL
059.19	PISTOL	.CRL	2K	xx xx	PISTOL-Portably Implmtd Stack Orientd Lang.
059.20	PISTOL	.DOC	39K	xx xx	Documentation of PISTOL
059.21	PISTOL	.H	4K	xx xx	Constants & externals for PISTOL
059.22	PISTOL	.PAS	41K	xx xx	PASCAL version of PISTOL - runs on DEC 20
059.23	PISTSUB	.SUB	1K	xx xx	SUBmit file to compile & link .C modules
059.24	READ	.ME	7K	xx xx	History and editorial for PISTOL
059.25	SESSION0	.DOC	5K	xx xx	Example session - shows most basic functions
059.26	SESSION1	.DOC	9K	xx xx	Cnstnts, var's, new wrds, & MACROS creation
060	-CATALOG.060		2K	xx xx	Contents of Sig/M Volume 60
060	SIG/M	.LIB	2K	xx xx	Sig/M program submittal form
060	CRCK	.COM	2K	xx xx	File CRC geneation and test program
060	D	.COM	2K	xx xx	Restricted Directory list program
060	MFT	.COM	2K	xx xx	File transfer program
060.01	D-24	.ASM	17K	xx xx	Restricted Directory list program
060.02	D-24	.COM	2K	xx xx	Restricted Directory list program
060.03	DUPUSR2	.ASM	8K	xx xx	Program to DUPLICATE file in USEr areas
060.04	DUPUSR2	.COM	1K	xx xx	DUPLICATE file in USEr areas
060.05	FLIP4	.ASM	3K	xx xx	Program to FLIP originate/answer mode
060.06	FLIP4	.COM	1K	xx xx	FLIP originate/answer mode
060.07	MLIST50	.ASM	13K	xx xx	Multiple file LISTER program
060.08	MLIST50	.COM	2K	xx xx	Multiple file LISTER
060.09	ENTBBS25	.ASC	8K	xx xx	Front end logger for RBBS
060.10	MINBBS25	.ASC	18K	xx xx	Message module for RBBS
060.11	RBBS22	.DOC	6K	xx xx	Remote Bulletin Board System
060.12	RBBS25	.ASC	23K	xx xx	Remote Bulletin Board System
060.13	RBSUTL22	.ASC	9K	xx xx	RBBS utility program
060.14	SD-41	.DOC	12K	xx xx	Super Directory listing program
060.15	SD-42	.ASM	47K	xx xx	Super Directory listing
060.16	SD-42	.COM	2K	xx xx	Super Directory listing
060.17	FLS-11	.COM	9K	xx xx	Ambiguous file name expander
060.18	SQ-15	.COM	14K	xx xx	File Squeeze program
060.19	SQ/USQ15	.DOC	1K	xx xx	File Squeeze/UnSqueeze system
060.20	SQUEEZER	.DOC	23K	xx xx	File Squeeze/unsqueeze documentation
060.21	USQ-15	.COM	10K	xx xx	File UnSqueeze program
061	-CATALOG.061				Contents of Sig/M volume 61
061.01	ARTICLES.D		4K	xx xx	DIMS example file for magazine articles
061.02	ARTICLES.DD		4K	xx xx	DIMS example file for magazine articles

061.03	ARTICLES.DOC	1K	xx xx	DIMS example of notes file via DOC command
061.04	DCFORM .ASC	9K	xx xx	DIMS file format design program
061.05	DCREATE .ASC	4K	xx xx	DIMS create a new file format
061.06	DDOC .ASC	3K	xx xx	DIMS command to display/write notes on data
061.07	DEDIT .ASC	25K	xx xx	DIMS editor
061.08	DGET .ASC	3K	xx xx	Gets sequential file & adds to DIMS file
061.09	DHELP .ASC	2K	xx xx	DIMS editor HELP displays
061.10	DHELP .DOC	6K	xx xx	Screen texts used by HELP
061.11	DIMS .ASC	10K	xx xx	Dan's Information Management system w/menu
061.12	DINSTALL.DOC	37K	xx xx	Installation & operation manual for DIMS
061.13	DLABELS .ASC	6K	xx xx	Print 1-up mailing labels for DIMS
061.14	DLETTERS.ASC	6K	xx xx	Print form letters w/file data for DIMS
061.15	DPUT .ASC	4K	xx xx	PUTS out record set to file for DIMS
061.16	DSORT .ASC	14K	xx xx	SORT command field for DIMS
061.17	DSTAT .ASC	7K	xx xx	Calculate descriptive stats for DIMS data
061.18	FILES .DOC	3K	xx xx	DIMS file documentation
061.19	FORMFORM.DWS	17K	xx xx	Wordstar source to format screen/prnter
061.20	LONGADDR.D	1K	xx xx	Example data file - long form address list
061.21	LONGADDR.DD	1K	xx xx	Example data file - long form address list
061.22	READ .ME	3K	xx xx	DIMS release letter
061.23	SHORT .DFO	1K	xx xx	SHORT form - Scrn/prntr format control file
061.24	SHORT1 .DFO	1K	xx xx	SHORT form - Scrn/prntr format control file
061.25	SHORTADD.D	1K	xx xx	Example data file - short form address list
061.26	SHORTADD.DD	1K	xx xx	Exmpl data file - short form address list
061.27	STANDADD.D	1K	xx xx	Exmpl data file - standard form address list
061.28	STANDADD.DD	1K	xx xx	Exmpl data file - standard form address list
061.29	STRIP .BAS	3K	xx xx	Utility to make DEDIT smaller
062	<see Z10>			
063	<see Z11>			
064	<see Z12>			
065	-CATALOG.065			Contents of Sig/M volume 65
065	CRCK .COM			CRC generation and test program
065.01	BYE .DOC	12K	xx xx	Updated BYE
065.02	BYE78 .ASM	70K	xx xx	Updated BYE
065.03	DIRLST/1.ASM	5K	xx xx	ASCII DIRectory LIST for SUBMIT
065.04	ENTAB .ASM	10K	xx xx	Replace spaces with TABs
065.05	FILECOPY.ASM	6K	xx xx	Single drive file COPY
065.06	MODEM76 .ASM	69K	xx xx	Updated MODEM Ver 7.6
065.07	MODEM76 .COM	10K	xx xx	Updated MODEM 7
065.08	MODEM76 .SET	6K	xx xx	Updated MODEM 7
065.09	SUBGEN10.DOC	13K	xx xx	.SUB file GENERator documentation
065.10	SUBGEN12.ASM	19K	xx xx	.SUB file GENERator
066	-CATALOG.066			Contents of Sig/M volume 66
066	CRCK .COM			CRC generation and test program
066.01	APBYE .ASM	36K	xx xx	Apple modem support
066.02	APMBOOT .ASM	8K	xx xx	Apple modem support
066.03	APMODEM .DOC	5K	xx xx	Apple MODEM support documentation
066.04	APMODM22.ASM	40K	xx xx	Apple MODEM support
066.05	MODEM3 .ASM	34K	xx xx	MODEM support for PMMI 103
066.06	SD-43 .DOC	2K	xx xx	Super Directory documentation
066.07	SD-44 .ASM	48K	xx xx	Super Directory Ver 4.4
066.08	ZCPR-14 .ASM	61K	xx xx	Customized CCP update
067	-CATALOG.067			released June 29, 1982

067	CRCK	.COM				CRC generation and test program
067.01	FINDBD54	.ASM	32K	xx xx		FIND diskette BaD spots
067.02	I8085	.LIB	2K	xx xx		8085 MACRO Library
067.03	NEWBAUD2	.ASM	4K	xx xx		Change BAUD rate w/o redialing
067.04	PRL0D	.ASM	4K	xx xx		Relocation LOaDer for .PRL files
067.05	REZ7/31	.ASM	33K	xx xx		RESOURCE disassembler Ver 7.3
067.06	REZ7/31	.DOC	26K	xx xx		RESOURCE disassembler documentation
067.07	SMFORTH1	.ASM	22K	xx xx		Minimal FORTH
067.08	SMODEM36	.MAC	83K	xx xx		Updated MODEM 7 for Smart Modem
067.09	SUB	.ASM	22K	xx xx		Extended SUBMIT
067.10	WHODERE2	.ASM	9K	xx xx		Record disk I/O onto LST:
068	-CATALOG.068					released July 3, 1982
068	ABSTRACT.068					Notes on ED/ASM, DYNATRCE and TURNKEY
068	CRCK	.COM				CRC generation and test program
068.01	DIF2	.OBJ	15K	xx xx		DIFferential file print
068.02	DIF2	.RNO	4K	xx xx		DIFferential file print
068.03	SSD2	.OBJ	11K	xx xx		Differential file print routine
068.04	DYNATRCE	.ASM	54K	xx xx		8080 emulator/TRACE program
068.05	ED/ASM	.COM	5K	xx xx		Editor/ASseMbler program Ver 2.7
068.06	ED/ASM	.DOC	8K	xx xx		Editor/ASseMbler documentation
068.07	ICOPY1	.ASM	7K	xx xx		ISIS II to CP/M conversion
068.08	MFT46A	.ASM	18K	xx xx		Single drive multiple-file transfer
068.09	PLINK65	.ASM	24K	xx xx		Remote file communication
068.10	PLINK65	.DOC	5K	xx xx		Remote file communication
068.11	TSAVE4	.ASM	6K	xx xx		Tarbell SAVE program
068.12	TURNKEY	.PAT	3K	xx xx		Turnkey sys for indpdnt warm/cold BOOT cmds
068.13	TURNKEY	.PGM	9K	xx xx		Turnkey sys for indpdnt warm/cold BOOT cmds
068.14	TURNKEY	.PUN	5K	xx xx		Turnkey sys for indpdnt warm/cold BOOT cmds
068.15	UNSPOL33	.ASM	21K	xx xx		Updated "DESPOL" look-alike
068.16	UNSPOL	.DOC	13K	xx xx		Updated "DESPOL" look-alike
068.17	USERID1	.ASM	14K	xx xx		Bulletin board support
068.18	ZESOURCE	.DOC	3K	xx xx		DOC on RESOURCE disassembler Ver 2.0
068.19	ZESOURCE	.OBJ	7K	xx xx		RESOURCE disassembler Ver 2.0
069	<see 213>					
070	-CATALOG.070					released July 12, 1982
070	CRCK	.COM				CRC generation and test program
070.01	A-NEW	.NBP	3K	xx xx		NorthStar BASIC programs
070.02	BOMBER	.NBP	3K	xx xx		NorthStar BASIC game
070.03	BOXING	.NBP	3K	xx xx		NorthStar BASIC game
070.04	DECISION	.NBP	5K	xx xx		NorthStar BASIC game
070.05	DEPTHCHG	.NBP	2K	xx xx		NorthStar BASIC game
070.06	DRUNK	.NBP	4K	xx xx		NorthStar BASIC game
070.07	ELIZA	.NBP	7K	xx xx		NorthStar BASIC game
070.08	ENTERPRI	.NBP	7K	xx xx		NorthStar BASIC game
070.09	GROWTH	.NBP	4K	xx xx		NorthStar BASIC program
070.10	HDSUB	.NBP	1K	xx xx		NorthStar BASIC program
070.11	HEXDEC	.NBP	2K	xx xx		NorthStar BASIC program
070.12	INDEX	.NBP	1K	xx xx		NorthStar BASIC program
070.13	INTEREST	.NBP	2K	xx xx		NorthStar BASIC program
070.14	LOANPAY1	.NBP	3K	xx xx		NorthStar BASIC program
070.15	MICKY	.NBP	4K	xx xx		NorthStar BASIC program
070.16	NAVAID1	.NBP	2K	xx xx		NorthStar BASIC program

070.17	NBP	.HLP	2K	xx xx	NorthStar BASIC read me-for-help file
070.18	PEANUTS	.NBP	4K	xx xx	NorthStar BASIC program
070.19	PLOT	.NBP	1K	xx xx	NorthStar BASIC program
070.20	PRIME	.NBP	1K	xx xx	NorthStar BASIC program
070.21	QUBIC	.NBP	7K	xx xx	NorthStar BASIC game
070.22	RECURSIV	.NBP	10K	xx xx	NorthStar BASIC program
070.23	STARLANE	.NBP	13K	xx xx	NorthStar BASIC game
070.24	STARTRE\$.NBP	12K	xx xx	NorthStar BASIC game
070.25	STORY	.NBP	2K	xx xx	NorthStar BASIC program
070.26	TIME	.NBP	2K	xx xx	NorthStar BASIC program
070.27	TIMEPRNT	.NBP	1K	xx xx	NorthStar BASIC program
070.28	UFO	.NBP	8K	xx xx	NorthStar BASIC game
070.29	FORTH110	.ASM	62K	xx xx	Fig FORTH rev 1.1 for CP/M
070.30	XREF141	.ASM	43K	xx xx	Cross REFERENCE for .ASM/.PRN
071	<see Z14>				
072	<see Z15>				
073	-CATALOG.073 released September 26, 1982				
073.01	CMD	.ASM	4K	xx xx	Pass CP/M command line to BASCOM
073.02	COMMAND	.BAS	1K	xx xx	Test program for CMD.ASM
073.03	COMP-12	.ASM	7K	xx xx	Binary file COMPArison used with DD6
073.04	COMP-12	.DOC	3K	xx xx	Binary file COMPArison used with DD6
073.05	DAISYDRV	.ASM	2K	xx xx	Diablo 1610/20 BIOS driver using ETX/ACK
073.06	DD6	.ASM	27K	xx xx	Enhanced DDUMP Ver 2.15
073.07	DD6	.DOC	13K	xx xx	Documentation for enhanced DDUMP
073.08	DIABLO	.ASM	6K	xx xx	Bidirectional driver for DIABLO 1620
073.09	DLABEL	.BAS	4K	xx xx	Print disk LABELs
073.10	ICOPY	.ASM	10K	xx xx	COPY ISIS to CP/M, Ver 2.2 - includes 2D
073.11	ITHICA1	.ASM	4K	xx xx	Ithaca extnsns for DJ2D BIOS, 512 byte DPB
073.12	ITHICA2	.ASM	4K	xx xx	Ithaca extensions Ver 1.2
073.13	MACRO3	.LIB	20K	xx xx	Bill Bolton MACRO library
073.14	MAP	.ASM	4K	xx xx	MAP disk space on Microsoft programs Ver 1.2
073.15	MAPTEST	.BAS	1K	xx xx	TEST program for MAP
073.16	MEMRS	.ASM	21K	xx xx	Exhaustive MEMORy Test
073.17	MEMRS	.DOC	7K	xx xx	MEMORy Test documentation
073.18	PAGE-10	.ASM	6K	xx xx	File screen PAGEing utility Ver 1.1
073.19	PAGE-11	.ASM	7K	xx xx	Screen PAGEer - bouncy keyboard version 1.2
073.20	PROM08U	.ASM	15K	xx xx	SD systems PROM-100 board driver 2708
073.21	PROM16U	.ASM	14K	xx xx	SD systems PROM-100 board driver 2716-2758
073.22	PUT	.ASM	17K	xx xx	User area transfer utility
073.23	VDB1-71	.ASM	8K	xx xx	VDB-8024 video brd firmware simulates ADM/TVI
073.24	VDM-112	.ASM	10K	xx xx	Memory-mapped video driver for ADM31
073.25	WIDIR	.ASM	7K	xx xx	Wide ISIS II to CP/M DIRectory utility
073.26	WMPAT	.ASM	3K	xx xx	Wordmaster 1.06 patch for VDM-1
074	-CATALOG.074 released September 26, 1982				
074.01	BACKUP	.C	11K	xx xx	Disk copy program
074.02	BCKUP	.ASM	6K	xx xx	Disk copy program
074.03	CLOCK	.C	6K	xx xx	Read Godbout SS1 CLOCK
074.04	CLOCK	.H	1K	xx xx	Header for CLOCK.C
074.05	CLOCK-CB	.BAS	8K	xx xx	CB-80 Godbout SS1 CLOCK
074.06	CLOCK-M	.BAS	7K	xx xx	MBASIC Godbout CLOCK
074.07	COMPARE	.ASM	8K	xx xx	Binary file COMPARE
074.08	COPY	.ASM	8K	xx xx	Disk COPY program
074.09	COPY21	.ASM	19K	xx xx	Fast COPY - Morrow DJ2D

074.10	CPACK .DOC	12K	xx xx	Documentation for CP/M utility programs
074.11	DATEDemo.C	8K	xx xx	DEMO file - CLOCK.C
074.12	DDTTOMAC.C	7K	xx xx	Converts DDT disassembly to .ASM
074.13	DDTTOMAC.DOC	2K	xx xx	Converts DDT disassembly to .ASM
074.14	DDTTOMAC.OBJ	10K	xx xx	Converts DDT disassembly to .ASM
074.15	DIARY .BAS	8K	xx xx	CBASIC diary program
074.16	DOS .ASM	2K	xx xx	System size and address locator
074.17	FIXDIR .C	6K	xx xx	Rename or erase bad filenames in DIRectory
074.18	FIXDIR .DOC	4K	xx xx	Documentation for FIXDIR
074.19	FPROD .BAS	8K	xx xx	Frequency PROducts for RF engineers
074.20	FPROD1 .BAS	8K	xx xx	Frequency PROducts for RF engineers
074.21	H2651 .ASM	10K	xx xx	2651 USART interface for HITE
074.22	KEY .C	3K	xx xx	Programs KEYPad on ADM-31, allows strings
074.23	KEYPAD .BAS	1K	xx xx	Programs KEYPad on ADM-31, allows strings
074.24	MARGIN .C	3K	xx xx	Diablo type MARGIN set
074.25	MGAME .C	3K	xx xx	Number guessing game
074.26	PCPATCH .ASM	2K	xx xx	PIP - continue patch
074.27	PCPATCH .DOC	1K	xx xx	PIP - continue patch
074.28	REST .DDT	5K	xx xx	Example for DDTTOMAC.C
074.29	RESTORE .ASM	5K	xx xx	RESTOREs erased files
074.30	SORTDIR .ASM	6K	xx xx	SORT DIRectory program for CP/M 1.4
074.31	STRIP .C	2K	xx xx	STRIPs MSB off files
074.32	U2651 .ASM	6K	xx xx	USART interface for Godbout Interfacer 3/4
074.33	U8250 .ASM	4K	xx xx	BSTAM interface for 8250 on CCS 280 CPU
074.34	UCASE .BAS	1K	xx xx	MBASIC Upper CASE conversion
074.35	UCCS7710.ASM	2K	xx xx	Apple intrface to CCS 7710A card in CP/M sys
074.36	UGODBOUT.ASM	3K	xx xx	Godbout interfacer 1/2 serial I/O routines
074.37	USERSHOW.ASM	2K	xx xx	USER number display prompt patch
074.38	VERIFY .C	9K	xx xx	VERIFies disk files
074.39	XOUT22 .ASM	2K	xx xx	Removes XSUB during SUB w/o cold boot
075	-CATALOG.075			released September 26, 1982
075.01	640GRAPH.ASM	5K	xx xx	GRAPHics routines for ETI-640
075.02	640GRAPH.HLP	1K	xx xx	GRAPHics routines for ETI-640
075.03	BOOT .OBJ	1K	xx xx	Cold BOOT for Apple CP/M, see TURNKEY.DOC
075.04	FFT .BAS	4K	xx xx	Fourier transform
075.05	FM .ASM	7K	xx xx	FM file DIR map catalog utility
075.06	G80 .ASM	2K	xx xx	BDS C library part 0
075.07	G81 .ASM	9K	xx xx	BDS C library part 1
075.08	G82 .ASM	4K	xx xx	BDS C library part 2
075.09	G8M .CSM	9K	xx xx	G8?.ASM and G20.ASM files redone for CASM
075.10	G8X .H	1K	xx xx	Header file for G8?.C files
075.11	GC0 .C	10K	xx xx	Inverse video char set for Exidy Sorcerer
075.12	G20 .ASM	7K	xx xx	Video routines for Exidy Sorcerer
075.13	G280 .LIB	2K	xx xx	MACROs used in G?? .ASM
075.14	ID .FRT	13K	xx xx	ID kingdom game - FORTRAN
075.15	IDENTIFY.ASM	2K	xx xx	Identify CPU you are using
075.16	INVADERS.280	32K	xx xx	Space Invaders for ETI-640
075.17	MACTIME .ASM	6K	xx xx	TIME from Godbout SS1
075.18	OZNAKI1 .ASM	6K	xx xx	Life game for VDM-1/ETI
075.19	PULSE12 .BAS	1K	xx xx	Use with FFT.BAS
075.20	PULSE25 .BAS	1K	xx xx	Use with FFT.BAS
075.21	ROMAN80 .ASM	5K	xx xx	Convert Arabic to ROMAN numerals
075.22	SEARCH .BAS	3K	xx xx	Magazine library SEARCH
075.23	SHELLM .ASM	3K	xx xx	SHELL/Metzner sort routine

075.24	SINE1010.BAS	1K	xx xx	Use with FFT.BAS
075.25	STATTIME.ASM	5K	xx xx	TIME patch for STAT
075.26	TURNKEY .DOC	2K	xx xx	Documentation for TurnKey - BOOT
075.27	TURNKEY .OBJ	1K	xx xx	Create auto load Apple CP/M diskette
075.28	UPG80 .ASM	57K	xx xx	AMS80 monitor Ver 3.1 (JADE I/O boards)
075.29	VFILE .C	9K	xx xx	Random FILE access routines
076	-CATALOG.076			released October 27, 1982
076	CRC .COM			CRC generation program
076.01	SETUP .ED	3K	xx xx	Editor enhancement commands
076.02	ED .PRN	9K	xx xx	Portable screen Editor print procedure
076.03	ED .DOC	4K	xx xx	Documentation on portable screen Editor
076.04	ED0 .C	1K	xx xx	C - language source file for Editor
076.05	ED1 .CCC	1K	xx xx	C - language source file for Editor
076.06	ED2 .C	9K	xx xx	C - language source file for Editor
076.07	ED3 .C	16K	xx xx	C - language source file for Editor
076.08	ED4 .C	8K	xx xx	C - language source file for Editor
076.09	ED5 .C	2K	xx xx	C - language source file for Editor
076.10	ED6 .C	1K	xx xx	C - language source file for Editor
076.11	ED7 .C	3K	xx xx	C - language source file for Editor
076.12	ED8 .C	5K	xx xx	C - language source file for Editor
076.13	ED9 .C	3K	xx xx	C - language source file for Editor
076.14	ED10 .C	6K	xx xx	C - language source file for Editor
076.15	ED .C	1K	xx xx	C - language source master include file
076.16	MBUFFER .MAC	1K	xx xx	M80 buffer
076.17	ED/H19 .COM	25K	xx xx	Compiled H19 Editor
076.18	ED .SUB	2K	xx xx	C SUBMIT file
076.19	L80 .SUB	1K	xx xx	SUBMIT file for L80 linking
076.20	FAST .ASM	21K	xx xx	Updated FAST - to speed up CP/M 2.2
076.21	FAST2 .OBJ	3K	xx xx	Updated FAST - to speed up CP/M 2.2
076.22	FAST2MAN.DOC	21K	xx xx	FAST manual
076.23	PACKUP .ASM	15K	xx xx	Pack buffer and move routines for FAST
076.24	REL .UTL	2K	xx xx	FAST utility
076.25	RELED .SUB	1K	xx xx	FAST utility
076.26	RELFAS .SUB	1K	xx xx	FAST utility
076.27	SIDFAST .SUB	1K	xx xx	FAST utility
076.28	UTL .LIB	3K	xx xx	UTL file linkage MACRO
076.29	KID .ASM	3K	xx xx	Keyboard definition
076.30	KID/KIP .DOC	2K	xx xx	Documentation for simulated function keys
076.31	KIP .ASM	3K	xx xx	Keyboard input patch
076.32	SDIR .BAS	3K	xx xx	MBASIC DIR sort
076.33	SURVEY4 .ASM	14K	xx xx	System mem. map -BDOS BIOS ROM ports, etc.
076.34	SURVEY4 .COM	2K	xx xx	System mem. map -BDOS BIOS ROM ports, etc.
076.35	UNERA .ASM	11K	xx xx	Recover erased files - with wildcards
076.36	UNERA .COM	1K	xx xx	Recover erased files - with wildcards
076.37	WCT3 .C	4K	xx xx	File word count showing print colms Ver 1.0
076.38	WCT3 .COM	6K	xx xx	File word count showing cols of print
077	-CATALOG.077			released October 27, 1982
077	CRC .COM			CRC generation program
077.01	ZCPR .AQM	34K	xx xx	Replacement CCP version 1.0 squeezed
077.02	ZCPR .ASM	51K	xx xx	Replacement CCP version 1.0
077.03	ZCPR-16 .ASM	66K	xx xx	Replacement CCP version 1.6
077.04	NZCPR-16.DIF	24K	xx xx	Differences between Ver 1.6 and Ver 1.0
077.05	NZCPR-16.DOC	2K	xx xx	Documentation for ZCPR version 1.6
077.06	NZCPR-16.DQF	17K	xx xx	Difference file 1.6/1.0 squeezed

078	-CATALOG.078				released October 27, 1982
078	CRC .COM				CRC generation program
078.01	BENCHMK .BAS	2K	xx xx		Benchmark test in BASIC
078.02	BENCHMK .C	4K	xx xx		Benchmark test in C
078.03	BENCHMK .FOR	5K	xx xx		Benchmark test in FORTRAN
078.04	BENCHMK .PAS	3K	xx xx		Benchmark test in PASCAL
078.05	BENCHMK .DOC	6K	xx xx		Documentation on benchmark test
078.06	BIGTIME .BAS	15K	xx xx		Adds video controls
078.07	CALENDAR.BAS	2K	xx xx		Calendar generator
078.08	DECR .C	2K	xx xx		Strips CRLFs from a file
078.09	CLIST .C	3K	xx xx		LISTs C source files w/include files
078.10	CLIST .OBJ	8K	xx xx		LISTs C source files w/include files
078.11	CMPBUFLC.C	1K	xx xx		Compare 2 buffers (alphas to LC for compare)
078.12	CPYBUF .C	1K	xx xx		COPY buffer 's' to 'd' for 'n' bytes
078.13	DETAB .C	1K	xx xx		Replace TABs with blank spaces
078.14	DIAGN .C	1K	xx xx		DIAGNostic output error messages
078.15	FILENM .C	1K	xx xx		Extract FILE NaMe from a line
078.16	INCL .C	1K	xx xx		Include file
078.17	INSTR .C	1K	xx xx		Find first substring occurrence in string
078.18	PAGIN8 .C	2K	xx xx		Output 'n' blank lines
078.19	DISKDEF .ASM	1K	xx xx		Disk parameter blocks for 4 drives
078.20	DISKDEF .LIB	1K	xx xx		DISKDEF MACROs
078.21	FPRIME .BAS	1K	xx xx		MBASIC prime number benchmark
078.22	FPRIME .C	1K	xx xx		C prime number benchmark
078.23	INTERRUPT.ASM	8K	xx xx		INTERRUPT handler for SS1
078.24	L2NEW .C	25K	xx xx		Enhanced L2 BDS C linker
078.25	MOVECOM .DOC	1K	xx xx		Documentation for MOVECOM
078.26	MOVECOM .WPM	2K	xx xx		Spellbinder command -MOVES ASM file comments
078.27	MXREF .BAS	6K	xx xx		MBASIC cross REF utility
078.28	SHELL .MAC	14K	xx xx		Memory resident SUB type program
078.29	SHELLSORT.MAC	5K	xx xx		SHELL SORT add-on code
078.30	SURVIVAL.BAS	16K	xx xx		CBASIC2 SURVIVAL game
078.31	SURVIVAL.OBJ	19K	xx xx		CBASIC2 game
078.32	TALK1-5 .ASM	23K	xx xx		Interrupt driven MODEM program for Zilog SIO
078.33	TALK1-5 .DOC	2K	xx xx		Documentation on SIO interrupt driven MODEM
078.34	TALK1-5 .OBJ	2K	xx xx		Interrupt driven MODEM program for Zilog SIO
078.35	TIME .ASM	2K	xx xx		Displays TIME on console using Godbout SS1
078.36	TIME .OBJ	1K	xx xx		Displays TIME on console using Godbout SS1
079	-CATALOG.079				released October 27, 1982
079	ABSTRACT.079				Comments from PL/I-80 UG volume 2
079	DOC .079				Documentation on this volume
079.01	ACCESS .OVL	2K	xx xx		ACCESS display overlays
079.02	ACCESS .PLI	2K	xx xx		Record access and update primitives
079.03	ATTRIB .DCL	1K	xx xx		Field ATTRIButes and record structure
079.04	COMP .SUB	1K	xx xx		Compile SUB file
079.05	CREATE .OVL	2K	xx xx		Database creation display overlays
079.06	CREATE .PLI	2K	xx xx		Database creation file
079.07	DATA .DAT	1K	xx xx		Database file
079.08	DEF .DAT	1K	xx xx		Database DEFinition file
079.09	IO .PLI	2K	xx xx		Primitives used for I/O by other modules
079.10	KEY .DAT	1K	xx xx		Database access keys - same order as records

079.11	KEY	.DCL	1K	xx xx	Declaration include file;linked list of keys
079.12	LINK1	.SUB	1K	xx xx	Links overlay system
079.13	LINK2	.SUB	1K	xx xx	Links database system as one .COM file
079.14	MENU	.COM	13K	xx xx	Overlay system root module
079.15	MENU	.PLI	3K	xx xx	Overly sys root module source w/function MENU
079.16	REPORT	.OVL	2K	xx xx	REPORT generation overlay
079.17	REPORT	.PLI	1K	xx xx	Database REPORT generation source
079.18	SALE	.OVL	5K	xx xx	Point-of-sale overlay
079.19	SALE	.PLI	4K	xx xx	Creates invoice on disk & updates database
079.20	SETDEF	.OVL	3K	xx xx	SETDEF display overlays
079.21	SETDEF	.PLI	2K	xx xx	Reads/validates DEF.DAT price & qty checks
079.22	SETKEY	.OVL	2K	xx xx	SETKEY display overlays
079.23	SETKEY	.PLI	1K	xx xx	Reads KEY.DAT file & builds linked key list
079.24	UPDATE	.OVL	1K	xx xx	UPDATE display overlays
079.25	UPDATE	.PLI	2K	xx xx	Performs database updates
079.26	COPY	.PLI	9K	xx xx	File COPY utility with query for verif.
079.27	COPY	.SUB	1K	xx xx	SUB file to generate COPY.COM
079.28	ERAQ	.PLI	5K	xx xx	File ERASE utility with query for verif.
079.29	ERAQ	.SUB	1K	xx xx	SUB file to generate ERAQ.COM
079.30	FCBS	.PLI	12K	xx xx	FCBs used by programs on a drive
079.31	FCBS	.SUB	1K	xx xx	SUB file to generate FCBS.COM
079.32	FCB	.DCL	1K	xx xx	FCB declaration include
079.33	DIOMOD	.DCL	2K	xx xx	Include file for PLIDIO.ASM
079.34	PLIDIO	.ASM	21K	xx xx	PL/I-80 interface for direct BIOS calls
079.35	PLIBIOS	.DCL	1K	xx xx	Declares entry points for PLIBIOS.ASM
079.36	PLIBIOS	.ASM	6K	xx xx	PL/I-80 interface for direct read and write calls
9.37	MPMCALLS	.PLI	13K	xx xx	First half of test program for MPMDIO.ASM
079.38	MPMCALLS	.SUB	1K	xx xx	SUB file to generate MPMCALLS.COM
079.39	MPMCALLC	.PLI	8K	xx xx	Second half of test program for MPMDIO.ASM
079.40	MPMDIO	.DCL	2K	xx xx	Declares entry points for MPMDIO.ASM
079.41	MPMDIO	.ASM	5K	xx xx	PL/I-80 interface for direct MP/M calls
079.42	CHAIN	.ASM	3K	xx xx	Relocates to TPA top, loads&executes .COM
079.43	CHAIN	.SUB	1K	xx xx	SUB file to generate CH1.COM and CH2.COM
079.44	CH1	.PLI	2K	xx xx	Tests CHAIN.ASM routn, may invoke FPARSE.PLI
079.45	CH2	.PLI	1K	xx xx	Test program - CHAINS to CH1.COM
079.46	PARSE	.PLI	4K	xx xx	PARSES ambiguous (*,?) filename to CP/M FCB
079.47	FPARSE	.PLI	4K	xx xx	PARSES unambiguous filename into CP/M FCB
079.48	PTEST	.PLI	2K	xx xx	Tests PARSE & FPARSE routines
079.49	PTEST	.SUB	1K	xx xx	SUB file to generate PTEST.COM
079.50	ADUMP	.PLI	2K	xx xx	Hex memory DUMP - shows 16 byte addr w/dump
079.51	ODUMP	.PLI	2K	xx xx	Hex memory DUMP - shows offset from base ptr
079.52	AODUMP	.PLI	2K	xx xx	Hex memory DUMP - shows address & offset
079.53	DUMPTTEST	.PLI	1K	xx xx	Hex memory DUMP TEST routine
079.54	DUMPTTEST	.SUB	1K	xx xx	SUB file to generate DUMPTTEST.COM
079.55	HEXBIN	.PLI	1K	xx xx	Converts 2 HEX digits to binary fixed value
079.56	HEXTEST	.PLI	1K	xx xx	TESTs HEXBIN for HEX strg to fixd conversion
079.57	HEXTEST	.SUB	1K	xx xx	SUB file to generate HEXTEST.COM

081	<see Z17>				
082	<see Z18>				
083	-CATALOG.083				released November 1, 1982
83	CRC .COM				CRC generation program
083.01	ICE .DOC	5K	xx xx	In Context Editor	- uses window for ADM-31
083.02	ICE .PLI	30K	xx xx	In Context Editor	- uses window for ADM-31
083.03	ICE .REL	20K	xx xx	In Context Editor	- uses window for ADM-31
083.04	ICE .SUB	1K	xx xx	In Context Editor	- uses window for ADM-31
083.05	ICE-EDIT .PLI	13K	xx xx	In Context Editor	- uses window for ADM-31
083.06	ICE-END .PLI	1K	xx xx	In Context Editor	- uses window for ADM-31
083.07	ICE-GP .PLI	11K	xx xx	In Context Editor	- uses window for ADM-31
083.08	ICE-MAIN .PLI	4K	xx xx	In Context Editor	- uses window for ADM-31
083.09	ICE-MAKE .SUB	1K	xx xx	In Context Editor	- uses window for ADM-31
083.10	ICE-VDU .PLI	2K	xx xx	In Context Editor	- uses window for ADM-31
083.11	TTHelp0 .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.12	TTHelp1 .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.13	TTHelp2 .DAT	1K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.14	TTHelp3 .DAT	1K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.15	TTHelp4 .DAT	1K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.16	TTHelp5 .DAT	1K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.17	TTKEYBD .DAT	1K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.18	TTYPE .BAS	22K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.19	TTYPE .OBJ	22K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.20	TTYPE .DOC	19K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.21	TTYPE .WST	20K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.22	TTYPEXA .DAT	1K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.23	TTYPEXB .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.24	TTYPEXC .DAT	3K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.25	TTYPEXD .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.26	TTYPEXE .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.27	TTYPEXF .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.28	TTYPEXG .DAT	2K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.29	TTYPEXH .DAT	3K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.30	TTYPEXI .DAT	3K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
083.31	TTYPEXJ .DAT	3K	xx xx	TouchTyping Tutor	in MBASIC for ADM-31
084	-CATALOG.084				released 3, 1982
084	CRC .COM				Checksum program
084	SIG/M .LIB				Submission form
084.01	BYE72G .ASM	48K	xx xx	updated communications	
084.02	BYE72G .COM	3K	xx xx	programs with options	
084.03	CHAT19 .ASM	8K	xx xx	for international	
084.04	CHAT19 .COM	1K	xx xx	operations.	
084.05	ENTRBBS .BAS	24K	xx xx	!	
084.06	EXITRBBS .BAS	7K	xx xx	!	
084.07	FLIP4 .ASM	4K	xx xx	!	
084.08	FLIP4 .COM	1K	xx xx	!	
084.09	MBOOT3-A .ASM	7K	xx xx	!	
084.10	MBOOT3-A .COM	1K	xx xx	/	
084.11	MINIRBBS .BAS	30K	xx xx	/	
084.12	RBBSUTIL .BAS	13K	xx xx	/	
084.13	XSTAM+ .ASM	28K	xx xx	/	
084.14	XSTAM+ .COM	10K	xx xx	/	
084.15	FIND+ .ASM	13K	xx xx	Updated FIND	
084.16	FIND+ .COM	1K	xx xx	/	

084.17	HELP14	.ASM	15K	xx xx	Updated HELP
084.18	HELP14	.COM	2K	xx xx	/
084.19	TAG3	.ASM	8K	xx xx	updated TAG
084.20	TAG3	.COM	1K	xx xx	/
085	<see Z19>				
086	-CATALOG.086				released 15, 1982
086.01	/	.COM	3K	xx xx	FAST2 program to speed
086.02	FAST2MAN.	.DOC	21K	xx xx	CP/M 2.2 programs
086.03	DOS	.COM	1K	xx xx	State of system
086.04	DU	.COM	6K	xx xx	Superzap, etc. for CP/M
086.05	DU-V77	.DOC	7K	xx xx	/
086.06	FIND	.COM	1K	xx xx	Locate ASCII string
086.07	FINDBAD	.COM	2K	xx xx	Finds bad 5" & 8" disks
086.08	FMAP	.COM	1K	xx xx	Location of files
086.09	LCOPY	.COM	2K	xx xx	Fast copy 8" disks
086.10	MCOPY	.COM	2K	xx xx	Fast copy 5" disks
086.11	MEMRS	.COM	2K	xx xx	Memory test
086.12	MFT	.COM	2K	xx xx	Multiple file trans - 1 drive
086.13	MODEM	.COM	8K	xx xx	Modem 7 for RS RS232 or
086.14	MODEM7	.DOC	16K	xx xx	Lynx modem
086.15	SD	.COM	2K	xx xx	Super Directory
086.16	SIZE	.COM	1K	xx xx	File size
086.17	SORTDIR	.COM	2K	xx xx	Alphabetizes directory
086.18	SPEED	.COM	1K	xx xx	Sets Holmes Sprinter
086.19	SQ	.COM	14K	xx xx	Squeeze and unsqueeze
086.20	USQ	.COM	10K	xx xx	files
086.23	ZCPR-10	.DOC	45K	xx xx	Significantly improves
086.24	ZCPR-OM	.ASM	48K	xx xx	CP/M 2.2. A "must" program
086.25	ZCPR-OM	.HEX	6K	xx xx	for any system.
086.26	SURVEY	.COM	2K	xx xx	Status of system
086.27	TIME	.COM	1K	xx xx	Time/date - Alpha timdate
086.28	TYPFR	.COM	1K	xx xx	Use TRS-80 as typewriter
086.29	UNERA	.COM	1K	xx xx	Wildcard unerase
086.30	WASH	.COM	3K	xx xx	Handy disk utility
086.31	WC	.COM	7K	xx xx	Counts words in file
086.32	XTYPE	.COM	9K	xx xx	Types squeezed files too
087	-CATALOG.087				released November 18, 1982
087.01	THEFED	.TXT	3K	xx xx	CBASIC version of model
087.02	THEFED	.INT	19K	xx xx	used by St. Louis Federal
087.03	ECON1	.DAT	5K	xx xx	Reserve District to test
087.04	FORCAST2.DAT		1K	xx xx	alternate money supply
087.05	PRNTECON.	.INT	3K	xx xx	policies.
087.06	PRNTFORC.	.INT	2K	xx xx	/
087.07	BDSCAT	.AQL	33K	xx xx	BDSC catalog
087.08	DISPLAY+	.ASM	16K	xx xx	types file without wildcards
087.09	DISPLAY+	.COM	3K	xx xx	/
087.10	TYP+	.ASM	13K	xx xx	types file with wildcards
087.11	TYP+	.COM	3K	xx xx	/
087.12	HELP	.HLP	7K	xx xx	miscellaneous help programs
087.13	MESSAGES.	.HLP	6K	xx xx	for bulletin boards
087.14	MODEM	.HLP	18K	xx xx	
087.15	QUICK	.HLP	1K	xx xx	
087.16	RATFOR	.HLP	19K	xx xx	
087.17	SOFTWARE.	.HLP	11K	xx xx	
087.18	THIS-SYS.	.HLP	22K	xx xx	

087.19	NEWCOM .	2K	xx xx	/
088	-CATALOG.088			SYSLIB volume 1 of 3 - December 18, 1982
088.01	SYSLIBI.WS	10K	xx xx	Introduction to SYSLIB
088.02	SYSLIBUG.WS	124K	xx xx	SYSLIB User's Guide
088.03	SYSLIB.WS	103K	xx xx	SYSLIB Reference Manual (part 1)
089	-CATALOG.089			SYSLIB volume 2 of 3 - December 18, 1982
089	HELP .COM			Help program
089.01	SYSLIBHD.WS	15K	xx xx	Ref manual table of contents
089.02	SYSLIBID.WS	3K	xx xx	Reference manual index
089.03	SYSLIBR.WS	3K	xx xx	Reference manual index
089.04	SYSLIBS.WS	42K	xx xx	SYSLIB Reference manual (part 2)
089.05	SYSLIB.HLP	15K	xx xx	SYSLIB Help file
089.06	SYSLIB1.HLP	14K	xx xx	!
089.07	SYSLIB2.HLP	4K	xx xx	!
089.08	SYSLIB3.HLP	8K	xx xx	!
089.09	SYSLIB4.HLP	6K	xx xx	!
089.10	SYSLIB5.HLP	6K	xx xx	!
089.11	SYSLIB6.HLP	4K	xx xx	!
089.12	SYSLIB7.HLP	6K	xx xx	!
089.13	SYSLIB8.HLP	6K	xx xx	!
089.14	SYSLIB9.HLP	7K	xx xx	!
089.15	SYSLIBA.HLP	7K	xx xx	!
089.16	SYSLIBB.HLP	5K	xx xx	!
089.17	SYSLIBC.HLP	8K	xx xx	!
089.18	SYSLIB.REL	13K	xx xx	SYSLIB REL file
089.19	S0FILE10.MAC	2K	xx xx	SYSLIB Source file
089.20	S1FILE10.MAC	2K	xx xx	!
089.21	S2FILE10.MAC	2K	xx xx	!
089.22	S3FILE10.MAC	2K	xx xx	!
089.23	SBBLINE.MAC	3K	xx xx	!
089.24	SBDOS.MAC	1K	xx xx	!
089.25	SBIOS.MAC	3K	xx xx	!
089.26	SBLINE.MAC	3K	xx xx	!
089.27	SCAPS.MAC	1K	xx xx	!
089.28	SCAPSTR.MAC	1K	xx xx	!
089.29	SCATH.MAC	1K	xx xx	!
089.30	SCCOUT.MAC	2K	xx xx	!
089.31	SCIN.MAC	1K	xx xx	!
089.32	SCLOUT.MAC	2K	xx xx	!
089.33	SCODEND.MAC	1K	xx xx	!
089.34	SCOMP.MAC	2K	xx xx	!
089.35	SCOMPHD.MAC	1K	xx xx	!
089.36	SCONDIN.MAC	1K	xx xx	!
089.37	SCOUT.MAC	1K	xx xx	!
089.38	SCPOUT.MAC	2K	xx xx	!
089.39	SCRC.MAC	4K	xx xx	!
089.40	SCRC1.MAC	4K	xx xx	!
089.41	SCRLF.MAC	1K	xx xx	!
089.42	SCST.MAC	1K	xx xx	!
090	-CATALOG.090			SYSLIB volume 3 of 3 - December 18, 1982
090.01	SDIR.MAC	34K	xx xx	SYSLIB source files
090.02	SEN.MAC	1K	xx xx	-
090.03	SEVAL.MAC	4K	xx xx	-
090.04	SEVAL1.MAC	2K	xx xx	-
090.05	SEVAL2.MAC	2K	xx xx	-

090.06	SEVAL3	.MAC	2K	xx	xx	-
090.07	SEVAL4	.MAC	2K	xx	xx	-
090.08	SFCLOS	.MAC	1K	xx	xx	-
090.09	SFDEL	.MAC	1K	xx	xx	-
090.10	SFEXIST	.MAC	1K	xx	xx	-
090.11	SFILEIO	.MAC	9K	xx	xx	-
090.12	SFILL	.MAC	2K	xx	xx	-
090.13	SFMAKE	.MAC	1K	xx	xx	-
090.14	SFNAME	.MAC	5K	xx	xx	-
090.15	SFOPEN	.MAC	2K	xx	xx	-
090.16	SFREAD	.MAC	1K	xx	xx	-
090.17	SFRENAME	.MAC	2K	xx	xx	-
090.18	SFWRIT	.MAC	1K	xx	xx	-
090.19	SHDR	.MAC	1K	xx	xx	-
090.20	SINITFCB	.MAC	1K	xx	xx	-
090.21	SINLINE	.MAC	6K	xx	xx	-
090.22	SINSFORM	.MAC	3K	xx	xx	-
090.23	SINSTR	.MAC	2K	xx	xx	-
090.24	SLA2HC	.MAC	1K	xx	xx	-
090.25	SLADC	.MAC	2K	xx	xx	-
090.26	SLCRLF	.MAC	1K	xx	xx	-
090.27	SLHL4HC	.MAC	1K	xx	xx	-
090.28	SLHL5DC	.MAC	2K	xx	xx	-
090.29	SLOUT	.MAC	1K	xx	xx	-
090.30	SLPRINT	.MAC	1K	xx	xx	-
090.31	SLPSTR	.MAC	2K	xx	xx	-
090.32	SMA2HC	.MAC	1K	xx	xx	-
090.33	SMADC	.MAC	2K	xx	xx	-
090.34	SMATH	.MAC	5K	xx	xx	-
090.35	SMHL4HC	.MAC	1K	xx	xx	-
090.36	SMHL5DC	.MAC	3K	xx	xx	-
090.37	SMOVE	.MAC	3K	xx	xx	-
090.38	SPA2HC	.MAC	1K	xx	xx	-
090.39	SPADC	.MAC	2K	xx	xx	-
090.40	SPAUSE	.MAC	3K	xx	xx	-
090.41	SPHL4HC	.MAC	1K	xx	xx	-
090.42	SPHL5DC	.MAC	2K	xx	xx	-
090.43	SPOUT	.MAC	1K	xx	xx	-
090.44	SPRINT	.MAC	1K	xx	xx	-
090.45	SPSTR	.MAC	2K	xx	xx	-
090.46	SRAND	.MAC	2K	xx	xx	-
090.47	SRIN	.MAC	1K	xx	xx	-
090.48	SSCANNER	.MAC	2K	xx	xx	-
090.49	SSORT	.MAC	14K	xx	xx	-
090.50	SUD	.MAC	2K	xx	xx	-
090.51	SVERSION	.MAC	1K	xx	xx	-
090.52	SYSTEST	.MAC	4K	xx	xx	-
090.53	SYSTEST1	.MAC	3K	xx	xx	-
090.54	SYSTEST2	.MAC	3K	xx	xx	-
090.55	SYSTEST3	.MAC	4K	xx	xx	-
090.56	SYSTEST4	.MAC	6K	xx	xx	-
090.57	SYSTEST5	.MAC	2K	xx	xx	-
090.58	SYSTEST6	.MAC	5K	xx	xx	-
090.59	SZCPR	.MAC	7K	xx	xx	-
090.60	SZFNAME	.MAC	16K	xx	xx	-

090.61	SZGPINS .MAC	3K	xx xx	-
091	-CATALOG.091			released December 18, 1982
091	ABS .091			disk documentation
091.01	DUTIL .ASM	64K	xx xx	Revision of DU (Disk utility)
091.02	DUTIL .COM	9K	xx xx	with extended features
091.03	DASM .COM	10K	xx xx	Disassembles Zilog Z80 or TDL
091.04	DASM .MAC	74K	xx xx	mnemonics; based on RESOURCE;
091.05	DASMTDL .MAC	13K	xx xx	built in documentation
091.06	DASMZLG .MAC	17K	xx xx	/
091.07	XLATE2 .COM	5K	xx xx	Translates Intel 8080 source
091.08	XLATE2 .MAC	36K	xx xx	code to Zilog Z80 code
092	-CATALOG.092			released January 14, 1983
092.01	A68K .COM	41K	xx xx	68000 Cross Assembler
092.02	A68K .DOC	9K	xx xx	/
092.03	A68K .DON	3K	xx xx	/
092.04	DATE .COM	8K	xx xx	/
092.05	DATE .DOC	1K	xx xx	/
092.06	T5 .ASM	1K	xx xx	/
092.07	T5 .HEX	1K	xx xx	/
092.08	T5 .PRN	3K	xx xx	/
092.09	RBBS-USE.DOC	10K	xx xx	Bulletin Board Program
092.10	RBBS31 .ASC	27K	xx xx	/
092.11	RBBS31A .DOC	9K	xx xx	/
092.12	RBSUTL31.BAS	10K	xx xx	/
092.13	COMPILER.L01	9K	xx xx	Little Ada Compiler requires
092.14	LITL-ADA.ASM	26K	xx xx	adaptation to run on other
092.15	LITL-ADA.DOC	1K	xx xx	than a Polymorphic system
092.16	LITL-ADA.PRN	45K	xx xx	/
093	-CATALOG.093			released January 15, 1983
093.01	MODEM798.ASM	88K	xx xx	Modem program update
093.02	MODEM798.HIS	20K	xx xx	/
093.03	MODEM798.INF	4K	xx xx	/
093.04	MODEM797.LIB	19K	xx xx	/
093.05	MODEM798.OBJ	16K	xx xx	/
093.06	MODEM798.SET	6K	xx xx	/
093.07	TRSMODEM.COM	16K	xx xx	/
093.08	MCNFG798.ASM	13K	xx xx	Modem Configure - general
093.09	MCOSB798.ASM	9K	xx xx	" " Osborne O-1
093.10	MCQXS798.ASM	18K	xx xx	" " Epson QX-10
093.11	MNUMB798.ASM	2K	xx xx	Phone number file
093.12	CHGLIB .ASM	14K	xx xx	Changes Modem phone
093.13	CHGLIB .COM	2K	xx xx	library
093.14	CHGLIB .DOC	4K	xx xx	/
094	<see 220>			
095	<see 221>			
096	-CATALOG.096			released February 3, 1983
096.01	CLOCK .A86	12K	xx xx	Tests Compupro clock board
096.02	CRCK-51 .A86	18K	xx xx	Checksum program
096.03	D .A86	18K	xx xx	Directory program
096.04	ERQ .A86	3K	xx xx	Selective file erase
096.05	FILE-EXT.A86	8K	xx xx	Directory program
096.06	FINDBAD .A86	33K	xx xx	Checks disks
096.07	INUSE .A86	11K	xx xx	"Hold" that computer!
096.08	MUCHTEXT.A86	5K	xx xx	Word count
096.09	PAGE .A86	7K	xx xx	Pages output

096.10	PRINT	.A86	13K	xx xx	Output to printer
096.11	SD	.A86	15K	xx xx	Super directory
096.12	XDIR	.A86	40K	xx xx	Detailed directory list
096.13	XDIR-A86.DOC		7K	xx xx	/
097	<see 222>				
098	-CATALOG.098				ZCPR2 volume 1 of 10 - February 14, 1983
098	ZCPR2	.IDX			index of this ten volume series
098.01	SYSIO	.ASM	29K	xx xx	ZCPR2
098.02	ZCPR2	.ASM	56K	xx xx	/
098.03	ZCPRHDR	.LIB	15K	xx xx	/
098.04	README	.TXT	3K	xx xx	SYSLIB 2.3
098.05	SCLINE	.MAC	2K	xx xx	!
098.06	SCRC	.MAC	3K	xx xx	!
098.07	SCRC1	.MAC	3K	xx xx	!
098.08	SCRC2	.MAC	3K	xx xx	!
098.09	SFNAME	.MAC	5K	xx xx	!
098.10	SMHL4HC	.MAC	1K	xx xx	!
098.11	SVERSION	.MAC	1K	xx xx	!
098.12	SYSLIB	.HLP	14K	xx xx	!
098.13	SYSLIB	.REL	14K	xx xx	!
098.14	SYSLIB8	.HLP	7K	xx xx	!
098.15	SYSLIB9	.HLP	8K	xx xx	!
098.16	SYSLIBC	.HLP	10K	xx xx	!
098.16	SZCPR	.MAC	7K	xx xx	/
098.17	SZFNAME	.MAC	18K	xx xx	/
098.18	SZGPINS	.MAC	4K	xx xx	/
099	-CATALOG.099				ZCPR2 volume 2 of 10 - February 14, 1983
099	ZCPR2	.IDX			index of this ten volume series
099.01	DU2	.ASM	72K	xx xx	
099.02	HELP2	.ASM	33K	xx xx	
099.03	LRUNZ	.ASM	26K	xx xx	
099.04	SUB2	.ASM	31K	xx xx	
099.05	ZEX	.ASM	45K	xx xx	
099.06	ZEX	.ZEX	5K	xx xx	
100	-CATALOG.100				ZCPR2 volume 3 of 10 - February 14, 1983
100	ZCPR2	.IDX			index of this ten volume series
100.01	CCPLOC	.MAC	5K	xx xx	
100.02	CD	.MAC	9K	xx xx	
100.03	COMPARE	.MAC	13K	xx xx	
100.04	CRC	.MAC	20K	xx xx	
100.05	DEVICE	.MAC	13K	xx xx	
100.06	DIFF	.MAC	17K	xx xx	
100.07	ECHO	.MAC	6K	xx xx	
100.08	ERASE	.MAC	15K	xx xx	
100.09	GENINS	.MAC	43K	xx xx	
100.10	IOLOADER	.MAC	7K	xx xx	
100.11	LD	.MAC	10K	xx xx	
100.12	LDIR2	.MAC	12K	xx xx	
100.13	MCHECK	.MAC	14K	xx xx	
100.14	MCOPY	.MAC	37K	xx xx	
101	-CATALOG.101				ZCPR2 volume 4 of 10 - February 14, 1983
101	ZCPR2	.IDX			Index of ten volume ZCPR2 series
101.01	MENU	.CPR	1K	xx xx	
101.02	MENU	.MAC	24K	xx xx	
101.03	MKDIR	.MAC	21K	xx xx	

101.04	PATH	.MAC	14K	xx	xx
101.05	PROTECT	.MAC	18K	xx	xx
101.06	PWD	.MAC	12K	xx	xx
101.07	RECORD	.MAC	7K	xx	xx
101.08	RENAME	.MAC	18K	xx	xx
101.09	SINSFORM	.MAC	3K	xx	xx
101.10	STARTUP	.MAC	10K	xx	xx
101.11	TEMPLATE	.MAC	11K	xx	xx
101.12	TINIT	.MAC	13K	xx	xx
101.13	WHEEL	.MAC	6K	xx	xx
101.14	XDIR3	.MAC	39K	xx	xx

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102	-CATALOG	.102			
102.01	CCPLOC	.COM	1K	xx	xx
102.02	CD	.COM	4K	xx	xx
102.03	COMPARE	.COM	5K	xx	xx
102.04	CONFIG	.COM	19K	xx	xx
102.05	CRC	.COM	8K	xx	xx
102.06	DEVICE	.COM	3K	xx	xx
102.07	DIFF	.COM	6K	xx	xx
102.08	DU2	.COM	10K	xx	xx
102.09	ECHO	.COM	1K	xx	xx
102.10	ERASE	.COM	7K	xx	xx
102.11	GENINS	.COM	13K	xx	xx
102.12	HELP	.COM	3K	xx	xx
102.13	IOLOADER	.COM	4K	xx	xx
102.14	LD	.COM	5K	xx	xx
102.15	LDIR2	.COM	6K	xx	xx
102.16	LRUNZ	.COM	2K	xx	xx
102.17	MCHECK	.COM	5K	xx	xx
102.18	MCOPY	.COM	11K	xx	xx
102.19	MENU	.COM	2K	xx	xx
102.20	MKDIR	.COM	8K	xx	xx
102.21	PATH	.COM	5K	xx	xx
102.22	PROTECT	.COM	8K	xx	xx
102.23	PWD	.COM	5K	xx	xx
102.24	RECORD	.COM	2K	xx	xx
102.25	RENAME	.COM	8K	xx	xx
102.26	STARTUP	.COM	4K	xx	xx
102.27	SUB	.COM	3K	xx	xx
102.28	TINIT	.COM	5K	xx	xx
102.29	WHEEL	.COM	2K	xx	xx
102.30	XDIR	.COM	11K	xx	xx
102.31	ZEX	.COM	6K	xx	xx
102.32	TEMPLATE	.MAC	11K	xx	xx
102.33	CFILES	.HLP	22K	xx	xx
102.34	COMPARE	.HLP	7K	xx	xx
102.35	MCOPY	.HLP	11K	xx	xx
102.36	ZCPR2	.HLP	6K	xx	xx

(ZCPR2 VERSION)

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103	-CATALOG	.103			
103.01	CPMTR	.HLP	24K	xx	xx
103.02	DU2	.HLP	35K	xx	xx
103.03	HELP	.HLP	1K	xx	xx
103.04	HELP2	.HLP	22K	xx	xx
103.05	IO	.HLP	14K	xx	xx
103.06	LU	.HLP	27K	xx	xx

103.07	MENU	.HLP	29K	xx xx	
103.08	NDIRS	.HLP	35K	xx xx	
103.09	XDIR3	.HLP	22K	xx xx	
103.10	Z2ALT	.HLP	2K	xx xx	
103.11	Z2RES	.HLP	7K	xx xx	
104	-CATALOG.104				ZCPR2 volume 7 of 10 - February 14, 1983
104	CRC	.COM			checksum program
104	ZCPR2	.IDX			Index of ten Volume ZCPR2 series
104	SIG/M	.LIB			donation form
104.01	Z2CON	.WS	120K	xx xx	
104.02	Z2CON	.WSH	8K	xx xx	
104.03	Z2INS	.WS	87K	xx xx	
104.04	Z2INS	.WSH	6K	xx xx	
105	-CATALOG.105				ZCPR2 volume 8 of 10 - February 14, 1983
105	CRC	.COM			checksum program
105	ZCPR2	.IDX			Index of ten Volume ZCPR2 series
105	SIG/M	.LIB			donation form
105.01	Z2UG	.WS	77K	xx xx	
105.02	Z2UG	.WSH	16K	xx xx	
105.03	Z2UG1	.WS	72K	xx xx	
105.04	Z2UG2	.WS	56K	xx xx	
106	-CATALOG.106				ZCPR2 volume 9 of 10 - February 14, 1983
106	CRC	.COM			checksum program
106	ZCPR2	.IDX			Index of ten Volume ZCPR2 series
106	SIG/M	.LIB			donation form
106.01	SYSLIB	.WS	107K	xx xx	
106.02	Z2UG3	.WS	50K	xx xx	
107	-CATALOG.107				ZCPR2 volume 10 of 10 - February 14, 1983
107	CRC	.COM			checksum program
107	ZCPR2	.IDX			Index of ten Volume ZCPR2 series
107	SIG/M	.LIB			donation form
107.01	SYSLIBHD	.WS	12K	xx xx	
107.02	SYSLIBUG	.WS	123K	xx xx	
108	-CATALOG.108				ZCPR2 update - March 7, 1983
108	CRC	.COM			checksum program
108	Z2SYS-1	.MOD			explains upgrade
108.01	DU2	.ASM	72K	xx xx	upgrades queue status report
108.02	DU2	.COM	10K	xx xx	/
108.03	LDIR2	.COM	6K	xx xx	corrects for M80 assembler error
108.04	MKDIR	.COM	8K	xx xx	corrects identifier error
108.05	SSORT	.MAC	14K	xx xx	corrects identifier error
108.06	SVERSION	.MAC	1K	xx xx	reflects new version number
108.07	SYSLIB	.REL	14K	xx xx	Version 2.5 of SYSLIB
108.08	ZCPR2	.ASM	56K	xx xx	upgrades to mod 0.3
108.09	ZCPRHDR	.LIB	15K	xx xx	upgrades to mod 0.3
108.10	Z2RAT	.WQ	34K	xx xx	ZCPR2 Rationale Manual (squeezed WS file)
108.11	Z2RAT	.WQH	3K	xx xx	Rationale Manual headers
109	-CATALOG.109				released March 15, 1983
109	ABSTRACT.109				program documentation
109.01	SECTARY	.ASM	60K	xx xx	Simple word processor program
109.02	SECTARY	.COM	11K	xx xx	/
109.03	NSSEC	.ASM	63K	xx xx	North Star version
109.04	USERMAN0	.TXT	3K	xx xx	User manual for the program
109.05	USERMAN1	.TXT	22K	xx xx	written with the program (and to be
109.06	USERMAN3	.TXT	15K	xx xx	printed from the program).

109.07	USERMAN4.TXT	17K	xx xx	/	
109.08	USERMAN5.TXT	6K	xx xx	/	
109.09	ADDENDUM.TXT	8K	xx xx	/	
109.10	ADDEND2 .TXT	4K	xx xx	/	
109.11	DEMOFILE.TXT	4K	xx xx	/	demo text files
109.12	SAMPLTTR.TXT	2K	xx xx	/	
109.13	SAMPDATA.DAT	1K	xx xx	/	
110	-CATALOG.110				released March 15,1983
110	ABSTRACT.110				program documentation
110	CRC .COM				checksum program
110	SIG/M .LIB				donation program
110.01	MAIN .CMD	4K	xx xx		Amateur Computer Group of New Jersey
110.02	ACG .DBF	5K	xx xx		demonstration dBASEII modular data
110.03	ADD .ACG	3K	xx xx		base. To initiate, type "dBASE main"
110.04	BACKUP .ACG	1K	xx xx		and follow prompts. Note the comments
110.05	DEFAULTS.ACG	1K	xx xx		in the files.
110.06	DELCHECK.ACG	1K	xx xx		!
110.07	DELETE .ACG	1K	xx xx		!
110.08	DUPCHECK.ACG	2K	xx xx		!
110.09	DUPREC .ACG	3K	xx xx		!
110.10	EDIT .ACG	3K	xx xx		!
110.11	HELP .ACG	1K	xx xx		!
110.12	INIT .ACG	2K	xx xx		!
110.13	MAINTAIN.ACG	2K	xx xx		!
110.14	PHONE .ACG	2K	xx xx		!
110.15	PRINT .ACG	2K	xx xx		!
110.16	PURGE .ACG	2K	xx xx		!
110.17	REPORT .ACG	3K	xx xx		!
110.18	SEARCH .ACG	4K	xx xx		!
110.19	VALID .ACG	5K	xx xx		!
110.20	VERIFDEL.ACG	2K	xx xx		!
110.21	VERIFNEW.ACG	2K	xx xx		!
110.22	WSFILE .ACG	4K	xx xx		!
110.23	MAINTAIN.FMT	1K	xx xx		!
110.24	MOD-REC .FMT	3K	xx xx		!
110.25	SAY-REC .FMT	3K	xx xx		!
110.26	COMPANY .NDX	4K	xx xx		!
110.27	LASTNAME.NDX	3K	xx xx		!
110.28	ZIP .NDX	1K	xx xx		!
110.29	CPS .CMD	3K	xx xx		Sets date from Mountain Hardware
110.30	CPS .DOC	1K	xx xx		CPS card
110.31	DBDIR .DOC	1K	xx xx		Example of ASM file in dBASE for
110.32	DBDIR .LBR	15K	xx xx		directory read.
110.33	FORM .CMD	2K	xx xx		Prints dBASE fields and
110.34	FORM .DOC	1K	xx xx		structure
110.35	LABELPT1.CMD	5K	xx xx		Structure for label printing
110.36	LABELPT2.CMD	5K	xx xx		file.
110.37	POKE1 .CMD	4K	xx xx		Poke memory from dBASE
110.38	POKE1 .DOC	1K	xx xx		/
110.39	SHOWMEM .CMD	5K	xx xx		Displays memory from dBASE
110.40	SHOWMEM .DOC	1K	xx xx		/
110.41	TIMECHAR.CMD	4K	xx xx		Structure for job cost calculation.
110.42	ARCS-DEP.CAL	15K	xx xx		Calculates depreciation in Super Calc.
110.43	RULE-78 .CAL	11K	xx xx		Supercalc Rule of 78 calculation.
110.44	SAP27 .COM	2K	xx xx		Updated sort and pack program.

110.45	SWEEP37 .COM	28K	xx xx	Updated SWEEP program (WASH).
111	-CATALOG.111			released March 15,1983
111	CRC .COM			checksum program
111	SIG/M .LIB			donation program
111.01	BACKUP .ASM	31K	xx xx	Backs up hard disk where entire file
111.02	BACKUP .COM	4K	xx xx	fits on one floppy disk.
111.03	BACKUP .DOC	7K	xx xx	/
111.04	BIGBURST.ASM	12K	xx xx	Backs up hard disk where file must be
111.05	BIGBURST.COM	2K	xx xx	stored on mutiple floppies because of
111.06	BIGBURST.DOC	3K	xx xx	size.
111.07	FLOPCOPY.ASM	17K	xx xx	Backs up a floppy to a floppy in a
111.08	FLOPCOPY.COM	3K	xx xx	hard disk system with only a single
111.09	FLOPCOPY.DOC	2K	xx xx	floppy.
111.10	INTERCPM.ASM	7K	xx xx	Copy files between 5" and 8" CP/M.
111.11	INTERCPM.COM	3K	xx xx	/
111.12	INTERCPM.DOC	2K	xx xx	/
111.13	JP .ASM	1K	xx xx	/
111.14	JP .COM	1K	xx xx	/
111.15	JP .DOC	1K	xx xx	/
111.16	INTERDOS.ASM	20K	xx xx	Moves data files between CP/M and
111.17	INTERDOS.COM	6K	xx xx	North Star disks.
111.18	INTERDOS.DOC	6K	xx xx	/
111.19	MULTCOPY.ASM	14K	xx xx	Similar to PIP but prompts for new
111.20	MULTCOPY.COM	2K	xx xx	floppy when first one filled.
111.21	MULTCOPY.DOC	1K	xx xx	/
112	-CATALOG.112			released March 15,1983
112.01	RBBENT27.BQS	15K	xx xx	
112.02	RBBEXIT1.BQS	4K	xx xx	
112.03	RBBMIN27.BQS	19K	xx xx	
112.04	RBBMIN27.DQC	10K	xx xx	
112.05	RBBS-I/O.NQW	3K	xx xx	
112.06	RBBS-PC .BQS	18K	xx xx	
112.07	RBBS31 .AQC	19K	xx xx	
112.08	RBBS31 .DQC	3K	xx xx	
112.09	RBBSTIME.FQX	2K	xx xx	
112.10	RBSCLOCK.BAS	3K	xx xx	
112.11	RBSPURGE.BQS	3K	xx xx	
112.12	RBSPURGE.DQC	2K	xx xx	
112.13	RBSUTL31.AQC	8K	xx xx	
112.14	SIGNON .SEE	2K	xx xx	Explains disk.
112.15	SIGNON-1.ARC	64K	xx xx	
112.16	SIGNON-1.DIR	1K	xx xx	
112.17	SIGNON-2.ARC	62K	xx xx	
112.18	SIGNON-2.DIR	1K	xx xx	
113	-CATALOG.113			released March 17, 1983
113	ABSTRACT.113			disk readme file
113	USQ .COM			unsqueeze program
113.01	CPMZ100 .HEX	25K	xx xx	KERMIT - Modem Communications
113.02	CPMZ100 .NOT	2K	xx xx	for 8080/280 CP/M, IBM PC-Dos
113.03	KERMIT .CQ	23K	xx xx	with main frame host systems
113.04	PCDOWNLO.DQC	7K	xx xx	
113.05	PCKERM .CQR	12K	xx xx	
113.06	PCKERMIT.ASM	119K	xx xx	
113.07	PCKERMIT.FQX	11K	xx xx	
113.08	PCKERMIT.HLP	3K	xx xx	

113.09	PCKERMIT.NOT	4K	xx xx	
113.10	PCKEXE .BAS	2K	xx xx	
113.11	PCKFIX .ASM	5K	xx xx	
113.12	PCKGET .BAS	2K	xx xx	
113.13	PCKSEND .FOR	1K	xx xx	
114	-CATALOG.114			released April 1, 1983
114	CRC .COM			checksum program
114	ABSTRACT.114			disk documentation and copywrite notice
114.01	PISTOL .COM	16K	xx xx	PISTOL - "a language in the footsteps
114.02	PISTOL .C	5K	xx xx	of FORTH and STOIC"
114.03	PISTOL .H	5K	xx xx	!
114.04	PISTOL .HLP	7K	xx xx	!
114.05	PISTOL .PAS	42K	xx xx	!
114.06	ARITH .	2K	xx xx	!
114.07	CORE2 .	16K	xx xx	!
114.08	DEFS .	3K	xx xx	!
114.09	EDITOR .	4K	xx xx	!
114.10	ENVIRON .DOC	2K	xx xx	!
114.11	FUTURE .DEV	5K	xx xx	!
114.12	IO .	9K	xx xx	!
114.13	ITCOND .	11K	xx xx	!
114.14	LOGIC .	2K	xx xx	!
114.15	MEMOPS .	4K	xx xx	!
114.16	MISC .	5K	xx xx	!
114.17	PBASE2 .	23K	xx xx	!
114.18	PIST2A .C	6K	xx xx	!
114.19	PIST2B .C	4K	xx xx	!
114.20	PIST2C .C	4K	xx xx	!
114.20	PIST2D .C	4K	xx xx	!
114.21	PIST2E .C	7K	xx xx	!
114.22	PISTSUB .SUB	1K	xx xx	!
114.23	READ .ME	7K	xx xx	!
114.24	STACK .	3K	xx xx	!
114.25	SYSCONS .	4K	xx xx	!
114.26	SYSVARS .	8K	xx xx	!
114.27	TUTORIAL.	13K	xx xx	!
114.28	VOCAB .	6K	xx xx	!
115.	-CATALOG.115			
115.00	ABSTRACT.115			
115.01	COMPASC .ASM	8K	xx xx	Compares ASCII files
115.02	COMPASC .COM	2K	xx xx	/
115.03	COMPBIN .ASM	9K	xx xx	Compares binary files
115.04	COMPBIN .COM	2K	xx xx	/
115.05	CPMD2 .FOR	10K	xx xx	Process CP/M format 8" single density
115.06	CPMDEC .DOC	2K	xx xx	disks on PDP-11 under RT-11 or TSX-Plus
115.07	CPMDEC .FOR	24K	xx xx	DOS operating systems
115.08	DEL .ASM	4K	xx xx	Query delete program
115.09	DEL .COM	1K	xx xx	/
115.10	DEL .DOC	2K	xx xx	/
115.11	FPRINT .ASM	7K	xx xx	Sets printer left margin, double space,
115.12	FPRINT .COM	2K	xx xx	all caps and number of copies
115.13	FPRINT .DOC	2K	xx xx	/
115.14	MORTGAGE.COM	21K	xx xx	Calculates Canadian mortgage payments
115.15	MORTGAGE.PLI	10K	xx xx	/
115.16	MUFIX .DOC	3K	xx xx	MUMATH fix

115.17	MUMATRIX.FIX	2K	xx xx	/
115.18	PSEUDO .DOC	8K	xx xx	Combined software-hardware pseudo run
115.19	PSEUDO .ASM	16K	xx xx	to single step
115.20	RCPM-36 .LST	31K	xx xx	Revised Bulletin Board list
115.21	ROMSUM .ASM	3K	xx xx	Verifies ROMs
115.22	ROMSUM .COM	1K	xx xx	/
115.23	T1-TAX82.CAL	17K	xx xx	Supercalc matrix for Canadian taxes
115.24	UNSP00L .ASM	14K	xx xx	Updated spooler
115.25	UNSP00L .COM	1K	xx xx	/
116.	ABSTRACT.116			
116.00	-CATALOG.116	0K		released 16 MAY 83
116.01	APLFORTH.TIP	1K	xx xx	How to run Forth on an Apple
116.02	APZCPR2 .LBR	6K	xx xx	Implements ZCPR2 on an Apple
116.03	BISHOW11.ASM	10K	xx xx	SHOW - upgraded to go forwards and
116.04	BISHOW11.COM	1K	xx xx	backwards in the file
116.05	FORTH130.ASM	72K	xx xx	Forth for the Apple (or other
116.06	FORTH130.USE	3K	xx xx	machines)
116.07	I/OCAP11.ASM	19K	xx xx	Creates disk file of all I/O
116.08	LISTTU84.ASM	44K	xx xx	List program to take advantage of
116.09	LISTTU84.COM	4K	xx xx	Okidata 84 features
116.10	NZCPR203.DIF	4K	xx xx	Unofficial ZCPR2 upgrades
116.11	NZCPR204.DIF	6K	xx xx	/
116.11	NZCPR204.DIF	6K	xx xx	/
116.12	NZCPR205.DIF	5K	xx xx	/
116.13	NZCPR206.DIF	7K	xx xx	/
116.14	NZCPR207.DIF	10K	xx xx	/
116.15	NZCPRHDR.DIF	3K	xx xx	/
116.16	TARGET .BAS	9K	xx xx	Microsoft Basic game
117.	-CATALOG.117			released May 16, 1983
117.00	ABSTRACT.117			program information
117.01	CATXRF11.BAS	4K	xx xx	Update for master catalog system prints
117.02	CATXRF11.COM	21K	xx xx	references by file name, ext or disk no.
117.03	MDM705HA.ASM	7K	xx xx	DC Hayes Modem 705 overlay
117.04	MDM705KP.MQG	1K	xx xx	KAYPRO Modem 705 overlay
117.05	MDM705P .AQM	87K	xx xx	Slows Modem 705 dialing
117.06	MDM705US.ASM	10K	xx xx	Modem 705 H-19 overlay
117.07	REDEF .MAC	8K	xx xx	Allows simple redefinition of key input
117.08	Z80 .RDF	1K	xx xx	/
117.09	TOOLINTF.DOC	19K	xx xx	Library of useful macros
117.10	TOOLS .AQC	38K	xx xx	/
117.11	TOOLS .DOC	2K	xx xx	/
117.12	TOOLS .REL	10K	xx xx	/
118.	-CATALOG.118			released June 14, 1983
118.00	ABSTRACT.118			introduction to disk
118.01	XLISP .COM	39K	xx xx	XLISP
118.02	XLISP .DOC	29K	xx xx	
118.03	ALLOC .C	4K	xx xx	
118.04	JUNK .C	1K	xx xx	
118.05	PT .LSP	4K	xx xx	
118.06	SBRK .ASM	3K	xx xx	
118.07	SETJMP .ASM	2K	xx xx	
118.08	SETJMP .H	1K	xx xx	
118.09	T .LSP	4K	xx xx	
118.10	LBIND .C	2K	xx xx	
118.11	LDMEM .C	9K	xx xx	

118.12	XLEVAL	.C	7K	xx xx	
118.13	XLFI0	.C	5K	xx xx	
118.14	XLIO	.C	2K	xx xx	
118.15	XLISP	.C	2K	xx xx	
118.16	XLISP	.H	6K	xx xx	
118.17	XLISP	.LNK	1K	xx xx	
118.18	XLKMAP	.C	7K	xx xx	
118.19	XLLIST	.C	12K	xx xx	
118.20	XLMAKE	.SUB	2K	xx xx	
118.21	XMLMATH	.C	9K	xx xx	
118.22	XLOBJ	.C	18K	xx xx	
118.23	XLPRIN	.C	4K	xx xx	
118.24	XLREAD	.C	8K	xx xx	
118.25	XLSTR	.C	6K	xx xx	
118.26	XLSUBR	.C	12K	xx xx	
119.	ABSTRACT.119				Library Filing & Utility Sys, BYEII Lib
119.00	-CATALOG.119				released June 19, 1983
119.01	BYEII	.LBR	72K	xx xx	Second generation BYE in LBR format.
119.02	CHGLIB14.LBR		18K	xx xx	Library file and utility system.
119.03	LBR	.DOC	3K	xx xx	One file contains all of the
119.04	LCRCKNEW.LBR		10K	xx xx	files and information necessary
119.05	LDIR	.COM	6K	xx xx	to get a program online. All program
119.06	LDIR	.LBR	13K	xx xx	modules are compacted into a single
119.07	LM16	.ASM	33K	xx xx	library (.LBR) file. Using these
119.08	LMODEMXX.MSG		2K	xx xx	programs you can extract from the
119.09	LRUN20	.ASM	21K	xx xx	LBR file those portions of the total
119.10	LRUN20	.COM	2K	xx xx	files you may need. In this way when
119.11	LU210	.DOC	29K	xx xx	you receive a library file you are
119.12	LU211	.COM	18K	xx xx	assured that you have all the info
119.13	LUDEF1	.DOC	7K	xx xx	you need.
120.	ABSTRACT.120				MODEM901 and H-89 Music Composer
120.00	-CATALOG.120				released June 19, 1983
120.01	MODEM901.FIX		1K	xx xx	MODEM9xx merges MODEM796
120.02	MODEM901.INF		4K	xx xx	and MDM707 in .LBR form.
120.03	MODEM901.LBR		140K	xx xx	(see SIG/M 119).
120.04	CHGLIB14.LBR		18K	xx xx	Change phone numbers in MODEM
120.05	ABBA	.	4K	xx xx	Music composing program
120.06	COMPOSER.ASM		32K	xx xx	for H-89 or any GI AY38910
120.07	COMPOSER.COM		4K	xx xx	program sound chip board.
120.08	COMPOSER.DOC		9K	xx xx	/
120.09	FAMILY	.	3K	xx xx	/
120.10	FATHER	.	1K	xx xx	/
120.11	LOVEYOU	.	4K	xx xx	/
120.12	MAJESTY	.	2K	xx xx	/
120.13	PRAISE	.	1K	xx xx	/
120.14	VOICE	.	2K	xx xx	/
121.	ABSTRACT				MODEM Updates for MDM7xx and Smartmodem (TM)
121.00	-CATALOG.121				SUPER DIRECTORY Update rel June 19, 1983
121.01	MDM709	.LBR	112K	xx xx	Latest version of MDM7xx
121.02	MDM709C+.AQM		7K	xx xx	/
121.03	SD-48A	.AQM	42K	xx xx	Adds features including .LBR
121.04	SMODM52E.LBR		73K	xx xx	Smartmodem modem program
122.					ZCPR2 for the 8080 Processor
122.00	-CATALOG.122				released June 29, 1983
122.	-ZCPR2	.IDX			index of SIG/M vols 98-108

122.01	DU2-8080.ASM	71K	xx xx	Programs and information necessary
122.02	DU2-8080.COM	10K	xx xx	to run ZCPR2 on 8080 processor.
122.03	HELP8080.ASM	35K	xx xx	280 ZCPR2, documentation files
122.04	HELP8080.COM	3K	xx xx	and all other programs needed to
122.05	LRUN8080.ASM	25K	xx xx	implement this modification can
122.06	LRUN8080.COM	2K	xx xx	be found on SIG/M Volumes 98-108.
122.07	ZCPR8080.ASM	57K	xx xx	/
122.08	ZCPR8080.DOC	3K	xx xx	/
123.				Miscellaneous LBR and other files
123.00	-CATALOG.123			released July 5, 1983
123.01	6502DASM.LBR	11K	xx xx	6502 disassembler
123.02	ALIENS11.LBR	28K	xx xx	Fun and games
123.03	FIND-20.LBR	11K	xx xx	String finding utility
123.04	INKEY.REL	1K	xx xx	Inkey improvement for BASCOM
123.05	INKEY.Z80	3K	xx xx	/
123.06	MATHLIB.ASM	4K	xx xx	16 bit math for 6805
123.07	MATHLIB.SRC	11K	xx xx	16 bit math for 8048
123.08	MATHLIB.Z80	3K	xx xx	16 bit math for 280
123.09	QDMP.LBR	47K	xx xx	Simulation model
123.10	OPSYN.ASM	2K	xx xx	IEEE mnemonics with XASM05
123.11	SORTUSER.BQS	3K	xx xx	Sorts bulletin board users
123.12	XFORMER.BQS	13K	xx xx	Transformer design
123.13	XMODEM74.LBR	80K	xx xx	Xmodem update
124.				ZCPR2 AND SYSLIB UPGRADES
124.00	-CATALOG.124			Vol 1/2: 2 vol upgrade released Jul 11,83
124.	ZCPR2.IDX			index of SIG/M ZCPR2 volumes
124.01	COMMENT.COM	1K	xx xx	ZCPR2 upgrade modules
124.02	COMPARE.HLP	7K	xx xx	
124.03	ECHO.COM	2K	xx xx	
124.04	GENINS.COM	14K	xx xx	
124.05	MENU8080.COM	3K	xx xx	
124.06	PAGE.COM	8K	xx xx	
124.07	PATH.COM	5K	xx xx	
124.08	PHelp.COM	8K	xx xx	
124.09	PRINT3.COM	8K	xx xx	
124.10	SAK.COM	2K	xx xx	
124.11	SYSLIB.HLP	15K	xx xx	
124.12	SYSLIB.REL	14K	xx xx	
124.13	TINIT.COM	5K	xx xx	
124.14	UPGRADE.DOC	18K	xx xx	Documentation for this upgrade
124.15	Z2ALT.HLP	28K	xx xx	
124.16	ZCPR2-02.LBR	74K	xx xx	ZCPR2 for Osborne-1
125.	ABSTRACT.125			ZCPR2 SYSLIB UPGRADES Vol 2/2
125.00	-CATALOG.125			released July 11, 1983
125.	ZCPR2.IDX			index of SIG/M ZCPR2 volumes
125.00	USQ.COM			unsqueeze program
125.01	COMMENT.MQC	5K	xx xx	ZCPR2 upgrade modules
125.02	ECHO.MQC	4K	xx xx	
125.03	GENINS.MQC	31K	xx xx	
125.04	MENU8080.MQC	16K	xx xx	
125.05	PAGE.MQC	6K	xx xx	
125.06	PHelp.MQC	21K	xx xx	
125.07	PRINT3.MQC	20K	xx xx	
125.08	SAK.MQC	6K	xx xx	
125.09	SDIR.MQC	20K	xx xx	

125.10	SEPRINT .MQC	1K	xx xx	
125.11	SEPSTR .MQC	2K	xx xx	
125.12	SVERSION.MQC	1K	xx xx	
125.13	SYSTEST2.MQC	3K	xx xx	
125.14	TEMPLATE.MQC	12K	xx xx	
125.15	TINIT .MQC	9K	xx xx	
125.16	ZCPR2-KP.LBR	13K	xx xx	ZCPR2 for the Kaypro II
125.17	ZCPR2-MD.LBR	25K	xx xx	ZCPR2 for the Morrow MicroDecision
126.	ABSTRACT.126			ROFF4, V1.50 Text Formatter
126.00	-CATALOG.126			released August 1, 1983
126.01	BPTTEST .	1K	xx xx	Test formatter capable of maximizing
126.02	DIO .H	1K	xx xx	printer capability. Special symbols
126.03	EQN .	1K	xx xx	or fonts can be defined. Can create
126.04	EXY1 .	1K	xx xx	super and subscripts and backspace
126.05	EXYDEMO .SUB	1K	xx xx	on most printers. "Preprocessor"
126.06	FQOT .	1K	xx xx	directives can be used to merge stock
126.07	FORM .	1K	xx xx	phrases, boiler plate, make macro
126.08	L2 .COM	17K	xx xx	definitions, automate numbering,
126.09	LIST .	1K	xx xx	create footnotes, table of contents, etc.
126.10	MATRIX .	1K	xx xx	
126.11	MX .	6K	xx xx	
126.12	NDIO .C	5K	xx xx	
126.13	NEST .	1K	xx xx	
126.14	PAGES .	2K	xx xx	
126.15	ROFF4 .C	12K	xx xx	
126.16	ROFF4 .COM	30K	xx xx	
126.17	ROFF4 .CRL	7K	xx xx	
126.18	ROFF4 .DOC	31K	xx xx	
126.19	ROFF4 .H	9K	xx xx	
126.20	ROFF4 .SUB	1K	xx xx	
126.21	ROFF41 .C	7K	xx xx	
126.22	ROFF41 .CRL	4K	xx xx	
126.23	ROFF42 .C	7K	xx xx	
126.24	ROFF42 .CRL	5K	xx xx	
126.25	ROFF43 .C	5K	xx xx	
126.26	ROFF43 .CRL	4K	xx xx	
126.27	ROFF44 .C	6K	xx xx	
126.28	ROFF44 .CRL	4K	xx xx	
126.29	ROFF45 .C	8K	xx xx	
126.30	ROFF45 .CRL	4K	xx xx	
126.31	ROFF46 .C	8K	xx xx	
126.32	ROFF46 .CRL	5K	xx xx	
126.33	ROFF47 .C	8K	xx xx	
126.34	ROFF47 .CRL	5K	xx xx	
126.35	SCI .ASM	4K	xx xx	
126.36	SCI .COM	2K	xx xx	
126.37	STACKTST.	1K	xx xx	
127.	ABSTRACT.127			Comm. and Disk File Program, SAP Update
127.00	-CATALOG.127			released August 1, 1983
127.01	COMM7 .DQC	25K	xx xx	Full feature communication program using
127.02	COMM7 .HQS	16K	xx xx	Christiansen protocol for file transfer.
127.03	COMM723 .AQM	26K	xx xx	
127.04	COMM723A.AQM	34K	xx xx	
127.05	COMM723B.AQM	17K	xx xx	
127.06	COMM723C.AQM	17K	xx xx	

127.07	COMM723D.AQM	28K	xx xx	
127.08	COMM7CAL.AQM	6K	xx xx	
127.09	COMM7CAL.COM	2K	xx xx	
127.10	DISK76C.AQM	34K	xx xx	Copies, renames, logs, deletes & classifies
127.11	DISK7.COM	4K	xx xx	disk files. 8 bit verification.
127.12	LASM.COM	6K	xx xx	Assembler for use with disk xx xx
127.13	LASM.DQC	3K	xx xx	
127.14	SAP36.AQM	8K	xx xx	Updates Sort and Pack
127.15	SAP.COM	2K	xx xx	
128.	ABSTRACT.128			Bulletin Board Software Upgrades
128.00	-CATALOG.128			XMODEM for UNIX and VAX/VMS
128.00				released Sept 9, 1983
128.01	BYE72K.AQM	38K	xx xx	Upgrade of Bulletin
128.02	ENTRBBS.BQS	21K	xx xx	Board software from
128.03	EXITRBBS.BQS	6K	xx xx	Software Tools of
128.04	GOODBYE.	1K	xx xx	Australia
128.05	MINIRBBS.BQS	26K	xx xx	/
128.06	TIMEOUT.BQS	5K	xx xx	/
128.07	UTIL.BQS	11K	xx xx	/
128.08	CALLERS.	0K	xx xx	Dummy files for Minirbbs
128.09	COUNTERS.	0K	xx xx	/
128.10	LASTCALR.	0K	xx xx	/
128.11	SUMMARY.BBS	0K	xx xx	/
128.12	UMODEM.LBR	68K	xx xx	XMODEM for UNIX
128.13	XMODEM.LBR	43K	xx xx	XMODEM for VAX 11/750 and 780
129.	ABSTRACT.129			dBASEII ORDER AND INVENTORY PROGRAM
129.00	-CATALOG.129			JRT PASCAL USER GROUP VOL 1 rel Sept 9, 1983
129.01	DB2SIG/M.LBR	180K	xx xx	A complete dBASEII (TM) order and inventory program. Covers orders for and inventory of SIG/M Vols 1 to 136. When order is entered program advises if in stock or backordered and makes appropriate adjustment to inventory. Prints invoices, shipping labels, disk labels, various reports. Includes FASTBASE (TM) search program which locates any string in any field in all records. Automatic date verification. CompuPro time and date verification. Runs on both CP/M and CP/M 86. Etc.
129.02	JRTPAS-1.LBR	45K	xx xx	A comprehensive set of JRT Pascal routines including those in Dr. Wirth's USER MANUAL AND REPORT. To extract the above files you will need LU.COM available on SIG/M Vol 119. TO use LU - type LU TYPE -O at the prompt to open a file TYPE the name of the .LBR file TYPE -L to list the items in the file TYPE -E *.* to extract all files (make sure you have room on the disk - or else extract part at a time.) TYPE -C to close the file TYPE ^C to exit. (LU requires 18K and we just did not have

130.	ABSTRACT.130			enough room to add it to this disk)
130.00	-CATALOG.130			"SIGNON" System of programs for RCP/M Usage
				release September 9, 1983
130.01	1100 .SSB	2K	xx xx	Subroutine files for use with SIGNON
130.02	1300 .SSB	1K	xx xx	/
130.03	1400 .SSB	1K	xx xx	/
130.04	1600 .SSB	1K	xx xx	/
130.05	200 .SSB	2K	xx xx	/
130.06	2100 .SSB	2K	xx xx	/
130.07	2300 .SSB	1K	xx xx	/
130.08	2500 .SSB	3K	xx xx	/
130.09	3000 .SSB	1K	xx xx	/
130.10	3100 .SSB	1K	xx xx	/
130.11	3300 .SSB	1K	xx xx	/
130.12	400500 .SSB	2K	xx xx	/
130.13	4900CBBS.SSB	2K	xx xx	/
130.14	4900RBBS.SSB	1K	xx xx	/
130.15	600 .SSB	1K	xx xx	/
130.16	7800 .SSB	1K	xx xx	/
130.17	800 .SSB	1K	xx xx	/
130.18	8000 .SSB	2K	xx xx	/
130.19	8100 .SSB	1K	xx xx	/
130.20	9100 .SSB	1K	xx xx	/
130.21	BYECMD .BAS	4K	xx xx	exit program
130.22	BYEX .MAC	1K	xx xx	subroutine
130.23	CNFG1 .BAS	8K	xx xx	sysop's system configuration program 2
130.24	COMGR .BAS	10K	xx xx	sysop's comments manager program
130.25	COMPILE .SUB	1K	xx xx	submit file for compiling a .BAS file
130.26	CONFIG .BAS	21K	xx xx	sysop's system configuration program
130.27	CONFIG .CMN	1K	xx xx	configuration program routines
130.28	CONVRBB .BAS	18K	xx xx	program to convert RBBS files
130.29	CONVRBB .DOC	4K	xx xx	/
130.30	DRIVER .MAC	1K	xx xx	subroutine
130.31	FINISH .BAS	6K	xx xx	exit program
130.32	JOB .SUB	1K	xx xx	submit file used with SSUB to batch jobs
130.33	LOADRIVE .SUB	1K	xx xx	submit file
130.34	MAKELIB .SUB	1K	xx xx	submit file
130.35	MFIL .BAS	2K	xx xx	program to make necessary data files
130.36	POSYS .BAS	18K	xx xx	sysop's general utility
130.37	SELDISK .MAC	1K	xx xx	subroutine
130.38	SETFMD .MAC	1K	xx xx	subroutine
130.39	SIGNMODS.DOC	2K	xx xx	documentation
130.40	SIGNON .BAS	16K	xx xx	main program
130.41	SIGNON .DOC	32K	xx xx	documentation
130.42	TMOD .MAC	3K	xx xx	clock module interface program
130.43	TMODQT .MAC	3K	xx xx	clock module for QT clock
130.44	TMODSCI .MAC	5K	xx xx	clock module for Scitronics clock
130.45	TMODTEST.MAC	5K	xx xx	tests tmod function
130.46	TOS .BAS	3K	xx xx	time on system program
130.47	USERMD .MAC	1K	xx xx	subroutine
130.48	USRMINT.BAS	9K	xx xx	sysop's user file maintenance program
131.				Abstracts from Pascal 2 user group V 23
131.00	-CATALOG.131			release Sept 9, 1983
131.01	ALPH2INT.PAS	4K	xx xx	returns integer value of string
131.02	BEEP .SRC	1K	xx xx	procedure to ring bell

131.03	BLNKSCRN.SRC	1K	xx xx	procedure to blink
131.04	CASELIB .PAS	2K	xx xx	function to turn lower to upper case
131.05	CHARIN .SRC	1K	xx xx	procedure to input char.
131.06	CHROUT .SRC	1K	xx xx	procedure to output char.
131.07	CLOCK .SRC	11K	xx xx	calendar clock master program
131.08	CLRHM .SRC	1K	xx xx	proc. to clear screen & home cursor
131.09	CMPTXT .SRC	2K	xx xx	proc. to compare two ASCII strings
131.10	CONFINE .PAS	1K	xx xx	proc. that returns standard deviation
131.11	DATE .SRC	2K	xx xx	uses clock board
131.12	DATENTIM.PAS	3K	xx xx	prints date from Godbout SSI board
131.13	DATENTIM.SRC	5K	xx xx	/
131.14	DECOMPOS.PAS	3K	xx xx	matrix function
131.15	DRVLOG .SRC	2K	xx xx	routine determines logged drive
131.16	GETEXT .SRC	2K	xx xx	routine to get text from console
131.17	HEXOUT .SRC	2K	xx xx	hex print to console from program
131.18	INITSEED.	1K	xx xx	procedure to get seed by calling "Time"
131.19	KARET .SRC	1K	xx xx	outputs CR/LF to console
131.20	KBDIN .SRC	2K	xx xx	checks keyboard, returns with ASCII in A
131.21	LEVEL .PAS	3K	xx xx	procedure to use "HIPAD" to print oversize
131.22	LEVEL .SRC	7K	xx xx	/
131.23	LITEPEN .SRC	2K	xx xx	A function to read port of light pen
131.24	MEDIAN .PAS	2K	xx xx	determines median value of list
131.25	MEDIAN .SRC	4K	xx xx	/
131.26	MESIJ .SRC	2K	xx xx	prints message to console
131.27	MNANDVAR.PAS	1K	xx xx	procedure to get mean/variance
131.28	NAMEDATE.PAS	2K	xx xx	changes date from integer to strings
131.29	NAMEDATE.SRC	5K	xx xx	/
131.30	PLOT .PAS	4K	xx xx	X Y plots
131.31	POINT .SRC	5K	xx xx	reads "HIPAD"
131.32	POPSTATS.PAS	9K	xx xx	calculates mean, mode, etc.
131.33	POPSTATS.SRC	25K	xx xx	/
131.34	QQSORT .PAS	6K	xx xx	updated QQSORT
131.35	READQ .SRC	1K	xx xx	reads console w/o waiting for CR
131.36	READREAL.PAS	10K	xx xx	flexible proc. for console input
131.37	RNDKNUTH.LIB	7K	xx xx	Knuth random generator method
131.38	SELECT .PAS	5K	xx xx	function to partially sort array
131.39	SELECT .SRC	11K	xx xx	/
131.40	SMOOTH9 .PAS	2K	xx xx	smooths 9 points of data
131.41	STREAM .SRC	5K	xx xx	reads a stream from "HIPAD"
131.42	TIME .SRC	2K	xx xx	reads clock digit
131.43	TSTMEDN .PAS	7K	xx xx	median test
131.44	TSTQSORT.PAS	2K	xx xx	Qsort test
131.45	USEPLOT .PAS	2K	xx xx	used as shell to plot
131.46	USEWLREG.PAS	3K	xx xx	tests plot procedures
131.47	WAVE .SRC	5K	xx xx	fill array from Hipad in stream mode
131.48	WEEKDAY .PAS	1K	xx xx	function to change date to day
131.49	WEEKDAY .SRC	1K	xx xx	/
131.50	ZELLER .PAS	2K	xx xx	returns time between dates
131.51	ZELLER .SRC	3K	xx xx	/
132.	ABSTRACT.132			PASCAL 2 USER GROUP VOLUME 24
132.00	-CATALOG.132			released September 9, 1983
132.01	BIOMD .PAS	9K	xx xx	monthly bio-graf
132.02	CHECKS .PAS	26K	xx xx	updates NOW with on-line code changes
132.07	EXAMPL .CHK	1K	xx xx	/
132.08	EXAMPL .DOC	6K	xx xx	/

132.09	EXAMPL	.NAM	2K	xx xx	/
132.04	DEL	.COM	1K	xx xx	file delete program
132.05	EPSON	.COM	8K	xx xx	Epson printer program
132.06	EPSON	.PAS	3K	xx xx	/
132.12	LS	.C	8K	xx xx	directory listing program
132.13	LS	.COM	8K	xx xx	/
132.14	LS	.DOC	2K	xx xx	/
132.15	PROM	.FIL	18K	xx xx	illustrates how prom burner works
132.16	QUIZ	.TXT	2K	xx xx	test
132.17	QUIZANS	.TXT	3K	xx xx	/
132.18	READCMD	.DOC	5K	xx xx	program to handle arguments in a
132.19	READCMD	.P	8K	xx xx	command tail
132.20	READCMD	.REL	3K	xx xx	/
132.10	GETNUMS	.P	4K	xx xx	/
132.11	GETNUMS	.REL	1K	xx xx	/
132.25	TESTCMD	.COM	14K	xx xx	/
132.26	TESTCMD	.PAS	4K	xx xx	/
132.03	CTOI	.REL	1K	xx xx	/
132.21	ROTATE	.BAS	3K	xx xx	letter game
132.22	ROTATE	.COM	13K	xx xx	/
132.23	STUDENT	.COM	19K	xx xx	keep student grades
132.24	STUDENT	.PAS	20K	xx xx	/
132.27	TRACER	.AZM	11K	xx xx	trace execution of 280 program
132.28	TRACER	.DOC	2K	xx xx	/
132.29	WRITNUM	.COM	9K	xx xx	writes up to \$9,999.99
132.30	WRITNUM	.PAS	3K	xx xx	/
132.31	ZDUMP	.COM	9K	xx xx	dump program with a variety of
132.32	ZDUMP	.PAS	6K	xx xx	options
133.	ABSTRACT	.133			PASCAL 2 USERS GROUP VOL 25
133.00	-CATALOG	.133			released September 9, 1983
133.01	METRICS	.COM	24K	xx xx	converts metrics
133.02	METRICS	.PAS	15K	xx xx	/
133.03	BASICOPS	.PAS	23K	xx xx	extended precision floating point
133.04	BYTEOPS	.REL	1K	xx xx	/
133.05	BYTEOPS	.SRC	8K	xx xx	/
133.06	FLPTCONS	.PAS	1K	xx xx	/
133.07	FLPTDEMO	.COM	28K	xx xx	/
133.08	FLPTDEMO	.PAS	3K	xx xx	/
133.09	FLPTTEXT	.PAS	2K	xx xx	/
133.10	FLPTPACK	.DOC	7K	xx xx	/
133.11	FLPTTYPE	.PAS	1K	xx xx	/
133.12	FLPTVAR	.PAS	1K	xx xx	/
133.13	EDITFEED	.COM	19K	xx xx	designs a balanced cattle feed ration
133.14	EDITFEED	.PAS	5K	xx xx	/
133.15	EDITFILE	.COM	16K	xx xx	/
133.16	EDITFILE	.PAS	9K	xx xx	/
133.17	FEED	.DAT	5K	xx xx	/
133.18	FEEDLOT	.DOC	11K	xx xx	/
133.19	BUILDF	.PAS	4K	xx xx	/
133.20	INITIAL	.PAS	2K	xx xx	/
133.21	LINEAR	.COM	24K	xx xx	/
133.22	LINEAR	.PAS	8K	xx xx	/
133.23	LINTEST	.DAT	2K	xx xx	/
133.24	MODIFYF	.PAS	4K	xx xx	/
133.25	PRINT	.PAS	2K	xx xx	/

134.	ABSTRACT.134			PASCAL 2 USERS GROUP VOL 26
134.00	-CATALOG.134			released September 9, 1983
134.01	ANIMALS .COM	26K	xx xx	animal guessing game without
134.02	ANIMALS .PAS	41K	xx xx	prior "bugs"
134.03	BEASTS .QQQ	1K	xx xx	
134.04	BEASTS .QQX	1K	xx xx	
134.05	BINTOHEX.PAS	2K	xx xx	converts binary to hex
134.06	HEXTOBIN.PAS	3K	xx xx	/
134.07	CHECKS .COM	9K	xx xx	checkbook program
134.08	CHECKS .DOC	20K	xx xx	/
134.09	CHECKS .Z80	53K	xx xx	/
134.10	EXAMPL .CHK	1K	xx xx	/
134.11	EXAMPL .DOC	6K	xx xx	/
134.12	EXAMPL .NAM	2K	xx xx	/
134.13	CLEAN .PAS	9K	xx xx	filters characters to printer
134.14	CLEANPRT.PAS	5K	xx xx	/
134.15	MACRO .SRC	4K	xx xx	collection of macros
134.16	DRVCHK .PAS	2K	xx xx	procedure to check filename drive
134.17	GETFILES.PAS	2K	xx xx	procedure to get files
134.18	CONVERT .DOC	2K	xx xx	converts numbers between string
134.19	GLOBALS .INT	1K	xx xx	and real and integers to string
134.20	GLOBALS .RN\$	2K	xx xx	/
134.21	PASZCODE.INT	4K	xx xx	/
134.22	PASZCODE.RN\$	10K	xx xx	/
134.23	PROFILE .REL	1K	xx xx	Hipad routine to fill array
134.24	PROFILE .SRC	8K	xx xx	/
134.25	TP .PAS	1K	xx xx	/
134.26	TRIGLIB .PAS	4K	xx xx	seven trig functions
134.27	TSTAN2 .COM	14K	xx xx	converts regression coefficient
134.28	TSTAN2 .PAS	1K	xx xx	to slope angle
135.	ABSTRACT.135			SOFTWARE TOOLS OF AUSTRALIA - VOL 17
135.00	-CATALOG.135			released September 1, 1983
135.01	DIR-DUMP.ASM	8K	xx xx	Displays disk directory formatted
135.02	DIR-DUMP.DOC	2K	xx xx	for 64 col. screen
135.03	DIR-DUMP.OBJ	1K	xx xx	/
135.04	EXTCOM1 .ASM	5K	xx xx	Exit from CP/M to comms program (8251 UART)
135.05	INF .MAC	14K	xx xx	Comprehensive disk format display
135.06	INF .OBJ	2K	xx xx	/
135.07	ITOH5000.ASM	8K	xx xx	Graphics driver for C.Itoh 8010
135.08	LD1 .C	8K	xx xx	Loader for machine language programs
135.09	LOCK .DOC	2K	xx xx	'Locks' program for security
135.10	LOCK .OBJ	11K	xx xx	/
135.11	LOCK .WPF	11K	xx xx	/
135.16	MKEY .OBJ	1K	xx xx	/
135.17	MKEY .WPF	5K	xx xx	/
135.32	UNLOCK .OBJ	11K	xx xx	/
135.33	UNLOCK .WPF	12K	xx xx	/
135.12	LPR .CQ	6K	xx xx	Printer program - currently set for Epson
135.13	LPR .OBJ	14K	xx xx	/
135.14	MFT50 .ASM	27K	xx xx	Multiple file transfer program
135.15	MFT50 .OBJ	3K	xx xx	/
135.18	PCAT .BAS	6K	xx xx	Hardcopy catalog in master catalog system
135.19	POKER .BAS	12K	xx xx	Beats you every time
135.20	RELOC .CQ	6K	xx xx	Move a program to top of TPA and run it
135.21	RELOC .DQC	19K	xx xx	/

135.22	RELOC	.MQC	7K	xx xx	/
135.23	RELOC	.OBJ	10K	xx xx	/
135.24	RELOC	.REL	1K	xx xx	/
135.25	RELOC	.SUB	1K	xx xx	/
135.26	RELOC	.TXT	2K	xx xx	/
135.27	SPR2	.OBJ	1K	xx xx	/
135.28	SRP1	.OBJ	1K	xx xx	/
135.29	TEST	.SUB	1K	xx xx	/
135.30	TEST1	.MQC	4K	xx xx	/
135.31	TEST2	.MQC	2K	xx xx	/
135.34	WPF	.C	2K	xx xx	Translate .WPF files to conventional
135.35	WPF	.OBJ	6K	xx xx	format
136.	ABSTRACT	.136			BIG-BOARD utils, modem patches, LISP doc.
136.00	-CATALOG	.136			Software Tools of Aust. V 18, rel Sept 9,83
136.01	BB-VIDEO	.MOD	1K	xx xx	Video mod. for BIG-BOARD
136.02	BBSCAN	.ASM	7K	xx xx	Disk integrity verifier for BIG-BOARD
136.03	BBSCAN	.DOC	4K	xx xx	/
136.04	BIGBDFMT	.ASM	7K	xx xx	Disk formatting program for BIG-BOARD
136.05	BIGBDFMT	.DOC	1K	xx xx	/
136.06	BIGBDFMT	.OBJ	1K	xx xx	/
136.07	DATMODH	.AQM	29K	xx xx	MODEM7A configured for DATAMAX
136.08	FFC	.ASM	12K	xx xx	Bill Earnest's FAST copy for BIG-BOARD
136.09	INDEX	.YA2	2K	xx xx	Yam disk index
136.10	LIFSCORE	.BAS	17K	xx xx	How long to go
136.11	LISP	.WPM	3K	xx xx	Documentation for LISP interpreter, 8080
136.12	MOD4BB1A	.OBJ	4K	xx xx	MODEM4 configured for BIG-BOARD
136.13	MODEMH	.DOC	5K	xx xx	/
136.14	OZDEM	.ASM	4K	xx xx	MODEM7 patch for OSBORNE 1
136.15	PATCH	.YAM	2K	xx xx	YAM patch to disable system file access
136.16	REMOTE	.DOC	3K	xx xx	Construct. details for remote SORCERER keybd
136.17	SORMODH	.AQM	29K	xx xx	MODEM7 configured for SORCERER
136.18	TRANSLAT	.DOC	2K	xx xx	BIG-BOARD keyboard translation
136.19	TRANSLAT	.Z80	5K	xx xx	/
136.20	YAM89	.CRL	1K	xx xx	YAM8 & YAM9 combined for BDS C v1.46
136.21	YAM89	.CSM	5K	xx xx	/
136.22	YAMKAP	.OBJ	27K	xx xx	YAM modem program for KAYPRO II
136.23	YAMOSB	.OBJ	25K	xx xx	YAM modem program for OSBORNE 1
136.24	YAMSAN	.OBJ	25K	xx xx	YAM modem program for SANYO MBC-1000
137.					BLDG ENERGY DESIGN ANALYSIS
137.					-Calif Energy Comm Vol 1 of 2
137.00	-CATALOG	.137			released Sept 7, 1983
137.01	MP	.CQM	9K	xx xx	MICROPAS 1.0 - A Microcomputer
137.02	MP-CNTRL	.SYS	1K	xx xx	Program for Building Design
137.03	MP-EDIT	.CQM	18K	xx xx	Analysis. Can estimate the
137.04	MP-FORM	.CQM	10K	xx xx	performance of conventional
137.05	MP-GRAPH	.CQM	9K	xx xx	residential buildings as well
137.06	MP-GRAPH	.SIM	1K	xx xx	as buildings incorporating
137.07	MP-INPUT	.CQM	16K	xx xx	passive solar and natural
137.08	MP-INPUT	.DE1	1K	xx xx	cooling features. Simulates
137.09	MP-INPUT	.DE2	1K	xx xx	a full year in 20 minutes.
137.10	MP-INPUT	.DE3	1K	xx xx	Requires MICROSOFT BRUN.COM.
137.11	MP-INPUT	.DE4	2K	xx xx	
137.12	MP-INPUT	.DE5	1K	xx xx	
137.13	MP-INPUT	.DE6	1K	xx xx	
137.14	MP-INPUT	.DE7	1K	xx xx	

137.15	MP-INPUT.DE8	1K	xx xx
137.16	MP-INPUT.ED1	3K	xx xx
137.17	MP-INPUT.ED2	1K	xx xx
137.18	MP-INPUT.ED3	1K	xx xx
137.19	MP-INPUT.ED4	3K	xx xx
137.20	MP-INPUT.ED5	1K	xx xx
137.21	MP-INPUT.ED6	1K	xx xx
137.22	MP-INPUT.ED7	4K	xx xx
137.23	MP-INPUT.ED8	1K	xx xx
137.24	MP-INSTL.DE1	1K	xx xx
137.25	MP-INSTL.ED1	4K	xx xx
137.26	MP-INSTL.SYS	1K	xx xx
137.27	MP-MENU .CQM	15K	xx xx
137.28	MP-OPTIM.CQM	17K	xx xx
137.29	MP-OPTIM.INP	1K	xx xx
137.30	MP-OUTP .SI1	1K	xx xx
137.31	MP-OUTP .SI2	2K	xx xx
137.32	MP-OUTP .SI3	4K	xx xx
137.33	MP-SIMUL.CQM	20K	xx xx
137.34	MP-SIMUL.IN1	2K	xx xx
137.35	MP-SIMUL.IN2	0K	xx xx
137.36	MP-SUMRY.CQM	16K	xx xx
137.37	MP-TABLE.CQM	17K	xx xx
137.38	MP-WEATH.CQM	18K	xx xx
137.39	MP-WEATH.INP	1K	xx xx
137.40	MPINTRO .DQC	5K	xx xx

138.

138.

138.00	-CATALOG.138		
138.01	CZ .LBR	174K	xx xx
138.02	MP-DEMO .LBR	34K	xx xx

139.

139.00	-CATALOG.139		
139.01	MDM712 .IQF	4K	xx xx
139.02	MDM712 .LBR	204K	xx xx
139.03	MDM712 .TXT	3K	xx xx
139.04	MDM712 .UQD	4K	xx xx
139.05	UN .COM	5K	xx xx
139.06	UN-PROT .BAS	2K	xx xx

140.

140.00	-CATALOG.140		
140.01	68KASM .FQR	42K	xx xx
140.02	68KASM .MQC	7K	xx xx
140.03	CPU .ASM	4K	xx xx
140.04	SPEEDUP .C	7K	xx xx
140.05	ERROR .FOR	2K	xx xx
140.06	EXORCOPY.C	12K	xx xx
140.07	FILENAME.FQR	2K	xx xx
140.08	M6805 .LIB	8K	xx xx
140.09	REMAKE .PLI	5K	xx xx
140.10	OPCODES .	2K	xx xx
140.11	EXBUG3 .SYM	1K	xx xx
140.11	SEG1X68 .C	17K	xx xx
140.12	SEG1X68 .OVL	6K	xx xx
140.13	SEG2X68 .C	10K	xx xx

BLDG ENERGY DESIGN ANALYSIS

-Calif Energy Comm Vol 2 of 2

released Sept 7, 1983

Weather data for vol 137

demo program - set for Drive B

MODEM UPDATE - MODEM 712

released Oct 7, 1983

Latest version of MDM7xx

/

/

/

Recovers Basic-80 programs

Fix for Apple for UN.COM

Cross Assemblers and Misc. Utilities

released October 7, 1983

68000 Cross assembler from Dr. Dobbs

/

Faster BDSC for 8085

/

Fortran-80 command switches & error codes

MOTOROLA mds to CP/M data exchange utility

Fortran filename parser (German comments)

Macro Lib. of MOTOROLA MC6805 opcodes

Compiler manager

MOTOROLA 6800 cross assembler

/

/

/

/

140.14	SEG2X68 .OVL	5K	xx xx	/	
140.17	X68 .C2	17K	xx xx	/	
140.18	X68 .H	5K	xx xx	/	
140.19	X68 .OBJ	15K	xx xx	/	
140.15	SIMLT .FQR	8K	xx xx		Solves simultaneous equations in fortran
140.20	XTCPM141.AQM	26K	xx xx		Method to extend CP/M 2.2 system
0.21	XTCPM141.DQC	2K	xx xx	/	
140.22	Z80DISK .DOC	4K	xx xx		Z80 Disk diagnostic, Dr. Dobbs April 1981
140.23	Z80DISK .MAC	23K	xx xx	/	
140.24	Z80DISK .OBJ	3K	xx xx	/	
141.					Kaypro, Osborne & Big Board Programs
141.00	-CATALOG.141				Released October 7, 1983
141.01	BBDRIVER.Z00	44K	xx xx		IOS driver for Ferguson Big Board SBC
141.02	BBMODS .DQC	7K	xx xx		Double Density and other mods for Big Board
141.03	BBSYSTEM.Z00	42K	xx xx		Modified monitor ROM for Big Board
141.04	BGMEMTST.AQM	2K	xx xx		Background memory test, Lifelines May 1981
141.05	DISPPROM.BB	6K	xx xx		Big Board Character Generator ROM contents
141.06	KAYMODEM.DOC	1K	xx xx		SMODEM37 set up for Kaypro 2
141.07	KAYMODEM.OBJ	11K	xx xx	/	
141.08	KPROMDM7.DOC	2K	xx xx		Documentation on MODEM7 for Kaypro 2
141.09	KPROTERM.TXT	2K	xx xx		Information on Kaypro 2 terminal control
141.10	MOD765BB.ASM	64K	xx xx		MODEM765 for Big Board
141.11	MOD765BB.OBJ	10K	xx xx	/	
141.12	OSBDUMB .DOC	2K	xx xx		Dumb terminal program for Osborne 1
141.13	OSBDUMB .MAC	10K	xx xx	/	
141.14	OSBDUMB .OBJ	2K	xx xx	/	
141.15	OSBMBOOT.ASM	8K	xx xx		MB00T31A for Osborne 1
141.16	OSBMBOOT.DOC	1K	xx xx	/	
141.17	OSBORNE .Z80	1K	xx xx		Pip patch for Osborne 1
141.18	OSD .DOC	2K	xx xx		Sort directory program (SD-42) for
141.19	OSD .OBJ	2K	xx xx		Osborne 1
141.20	OSTRICKS.DOC	6K	xx xx		Various hints on Osborne 1 USART
142.					Games from Software Tools of Aust-Extracts
142.00	-CATALOG.142				released Oct 7, 1983
142.01	ALMAZAR .BAS	2K	xx xx		Adventure game from Micro-80
142.02	ALMAZAR .DOC	2K	xx xx	/	
142.03	SFA/SAV .0	1K	xx xx	/	
142.04	SFALDES .0	9K	xx xx	/	
142.05	SFALDES .BAS	7K	xx xx	/	
142.06	SFAMAIN .BAS	15K	xx xx	/	
142.07	SFAMOVE .0	2K	xx xx	/	
142.08	SFAMOVE .BAS	2K	xx xx	/	
142.09	SFAOBDES.0	2K	xx xx	/	
142.10	SFAOBDES.BAS	2K	xx xx	/	
142.11	SFARESP .0	13K	xx xx	/	
142.12	SFARESP .BAS	5K	xx xx	/	
142.13	SFAVOC .0	1K	xx xx	/	
142.14	SFAVOC .BAS	1K	xx xx	/	
142.15	AUSOPOLY.BAS	28K	xx xx		English/Australian of CPMUG game
142.16	BACARRAT.BAS	4K	xx xx		Osborne MBASIC game
142.17	BANNER .Z80	19K	xx xx		Prints banner to console & printer
142.18	BLAKJACK.BAS	12K	xx xx		Osborne MBASIC game
142.19	FOGASM .ASM	1K	xx xx		Calculates number of years of schooling
142.20	FOGINDEX.PLI	3K	xx xx		required to read a document
142.21	GOLDMINE.BAS	8K	xx xx		MBASIC game

142.22	KPRO2-SW.BAS	10K	xx xx	Spacewar game for Kaypro 2, MBASIC
142.23	MAKEADV .BQS	6K	xx xx	Make your own Adventure
142.24	SAMPADV .AQV	8K	xx xx	/
142.25	SAMPADV .MQC	9K	xx xx	/
142.26	OZDOT .BAS	8K	xx xx	Osborne version of DOTS
142.27	PACMAN .ASM	4K	xx xx	PACMAN game for cursor addressable
142.28	PACMAN .DAT	4K	xx xx	terminals
142.29	PACMAN .OBJ	16K	xx xx	/
142.30	SPACEWAR.BAS	11K	xx xx	Osborne MBASIC game
142.31	YKW1 .BAS	2K	xx xx	"My other computer is an IBM" for Osborne
142.32	YKW2 .BAS	2K	xx xx	"My other computer is an IBM" for ADM-31
143.				Packet Radio, Printer Utilities,
143.				Software Tools of Australia (extracts)
143.00	-CATALOG.143			released Oct 7, 1983
143.01	ATTEN .BAS	3K	xx xx	Electronic attenuator design utility
143.02	DEPREC .BAS	3K	xx xx	Depreciation schedult
143.03	GENINDEX.OBJ	20K	xx xx	Generates index for WordStar text file
143.04	GENINDEX.PAS	12K	xx xx	/
143.05	INDEX .PAS	1K	xx xx	/
143.06	INDEX101.DQC	5K	xx xx	WordStar indexing utility
143.07	INDEX101.OBJ	11K	xx xx	/
143.08	LPR .C	9K	xx xx	Print program for MX80, wildcard names
143.09	LPR .OBJ	14K	xx xx	& clock
143.10	DGPTR .PQS	7K	xx xx	Packet Radio Software for CP/M Systems
143.11	PACKET .AQM	25K	xx xx	/
143.12	PACKET .DOC	6K	xx xx	/
143.13	PACKET .RPT	12K	xx xx	/
143.14	PACKET-0.DOC	3K	xx xx	/
143.15	PACKET2 .TXT	14K	xx xx	/
143.16	PACKETCF.TQT	15K	xx xx	/
143.17	PRINTER .INF	2K	xx xx	Control codes for EPSON MX80 printer
143.18	RDRPUN .MAC	1K	xx xx	FORTTRAN routine to access CP/M RDR and PUN
143.19	RESXIOS .AQM	13K	xx xx	Example of MP/M 2 Resident XIOS
143.20	SETMX .AQM	4K	xx xx	Epson MX80 printer setup utility
143.21	SETMX .DOC	2K	xx xx	/
143.22	SETOK .ASM	6K	xx xx	Okidata printer setup utility
143.23	SETOK .DOC	2K	xx xx	/
143.24	VIDEO .INF	3K	xx xx	Video terminal codes
143.25	VIDEONEW.INF	13K	xx xx	/
144.				Software Tools of Australia and others
144.00	-CATALOG.144			released October 7, 1983
144.01	GRAPH .REL	1K	xx xx	Graph subroutines for Epson MX80
144.02	GRAPH .Z00	11K	xx xx	/
144.03	I2 .COM	22K	xx xx	Intel to Zilog mnemonic source
144.04	I2 .DQC	11K	xx xx	code translator
144.05	I2 .DQT	7K	xx xx	/
144.07	I2 .PQS	14K	xx xx	/
144.07	MAKEFILE.ASM	6K	xx xx	Builds a dummy file with marked blocks
144.08	MAKEFILE.COM	2K	xx xx	/
144.09	NESTING .C	1K	xx xx	Notes on nesting in BDS C from version
144.10	NESTING .NOT	3K	xx xx	1.45a
144.11	PMDLALDS.FRQ	13K	xx xx	Autodialing with PMMI
144.12	RENAME .C	8K	xx xx	Wildcard rename utility
144.13	RENAME .DOC	4K	xx xx	/
144.14	RENAME .OBJ	10K	xx xx	/

144.15	BDOS	.H	1K	xx xx	/
144.16	SETBOOT	.MAC	19K	xx xx	Osborne 1 boot
144.17	SQ	.CQ	8K	xx xx	Update to squeeze, wildcards and other
144.18	SQ	.H	2K	xx xx	features
144.19	SQ	.OBJ	17K	xx xx	/
144.20	SQ15A	.DOC	2K	xx xx	/
144.21	SQ15A	.SUB	1K	xx xx	/
144.22	SQCOM	.H	1K	xx xx	/
144.23	IO	.C	1K	xx xx	/
144.24	LONG	.CQ	2K	xx xx	/
144.25	TR1	.CQ	2K	xx xx	/
144.26	TR2	.CQ	9K	xx xx	/
144.27	UCSD2CPM.C		16K	xx xx	Text transfer UCSD formatted disk to CP/M
144.28	UCSDIR	.C	10K	xx xx	List directory of UCSD Pascal disk
144.29	UCSDTYPE.C		15K	xx xx	Text transfer UCSD dir to CP/M console
145.					VFILER - Scrn-Oriented File Manip Utility
145.00	-CATALOG.145				released October 7, 1983
145.01	BISHOW-2.A86		9K	xx xx	Bidirectional show - a paging program
145.02	BISHOW-2.ASM		10K	xx xx	in both CP/M 80 and CP/M 86
145.03	BISHOW-2.CMD		2K	xx xx	/
145.04	BISHOW-2.COM		1K	xx xx	/
145.05	SAVEMUNY.DOC		2K	xx xx	Tips on adapting Heath programs
145.06	SD-48B.ASM		66K	xx xx	SD with HELP and WordStar fix
145.07	SD-48B.COM		4K	xx xx	/
145.08	SD1.A86		16K	xx xx	SD for CP/M 86 with technical adjustments
145.09	SD1.CMD		3K	xx xx	/
145.10	VFILER.ASM		84K	xx xx	A screen oriented file manipulation
145.11	VFILER.DOC		2K	xx xx	utility adjusted for your terminal.
145.12	VFILER8.COM		8K	xx xx	Move arrow through directory for action.
145.13	VFILER8C.ASM		3K	xx xx	Integrates with 2CPR2 or stands alone.
145.14	VFILERZ.COM		8K	xx xx	/
146.					CP/M 86 Translations of CP/M 80 Favorites
146.00	-CATALOG.146				released Nov 4, 1983
146.01	FIND20B.A86		?K	xx xx	Locates any string in any part of
146.02	FIND20B.CMD		?K	xx xx	a file.
146.03	PRINT10B.A86		?K	xx xx	Pages printer output with optional
146.04	PRINT10B.CMD		?K	xx xx	header.
146.05	SD-48B.A86		?K	xx xx	Sorted directory utility with help
146.06	SD-48B.CMD		?K	xx xx	file.
146.07	VFILER11.A86		?K	xx xx	Rich Conn's screen oriented file manipu-
146.08	VFILER11.CMD		?K	xx xx	lation utility translated for CP/M 86
146.09	WHATSNEW.A86		?K	xx xx	Tells what has been added to or deleted
146.10	WHATSNEW.CMD		?K	xx xx	from disk.
147.	Volume 147		?K	xx xx	CP/M 86, Time and an Apple Dumb Terminal
147.00	-CATALOG.147				released Nov 4, 1983
147.01	ARCHIVE.A86		?K	xx xx	CP/M 86 translation of Archive
147.02	ARCHIVE.CMD		?K	xx xx	/
147.03	CALENDR5.BAS		?K	xx xx	Calculate times,
147.04	CRCK-51.A86		?K	xx xx	CP/M 86 version of checksum test
147.05	CRCK-51.CMD		?K	xx xx	/
147.06	DUMBA3.ASM		?K	xx xx	Dumb terminal program for Apple ///
147.07	DUMBA3.DOC		?K	xx xx	/
147.08	ERAQ.A86		?K	xx xx	CP/M 86 erase query program
147.09	ERAQ.CMD		?K	xx xx	/
147.10	FILE-EXT.A86		?K	xx xx	CP/M 86 file-extension program

147.11	FILE-EXT.COMD	7K	xx xx	/
147.12	FINDBAD .A86	7K	xx xx	CP/M 86 disk test program
147.13	FINDBAD .CMD	7K	xx xx	/
147.14	MUCHTEXT.A86	7K	xx xx	CP/M 86 wordcount
147.15	MUCHTEXT.COMD	1K	xx xx	/
147.16	PITCH .A86	3K	xx xx	Adjusts font on NEC 8023
147.17	PITCH .CMD	1K	xx xx	/
147.18	RDTIME .DOC	1K	xx xx	Series of time and date programs for
147.19	RDTIME80.LIB	2K	xx xx	Compupro clock with adjustments for
147.20	RDTIME86.LIB	2K	xx xx	other clock boards. Includes program
147.21	SETTIME .ASM	5K	xx xx	to patch Wordmaster so as to update
147.22	SETTIME .COM	1K	xx xx	file with date and time.
147.23	WM-PATCH.ASM	12K	xx xx	/
147.24	ROMAN80A.ASM	6K	xx xx	Prints dates in Roman numerals
147.25	ROMAN80A.COM	1K	xx xx	/
147.26	RSJ .BAS	4K	xx xx	Series of time and date programs for
147.27	T .ASM	5K	xx xx	the Optronics Technology
147.28	T .COM	1K	xx xx	TimeEPROMmer Board. Adjustable for
147.29	TB .ASM	5K	xx xx	other clock boards.
147.30	TB .COM	1K	xx xx	/
147.31	TE .ASM	3K	xx xx	/
147.32	TE .COM	1K	xx xx	/
147.33	UNERA12 .ASM	12K	xx xx	Corrects bug in CP/M 80 version of
147.34	UNERA12 .COM	1K	xx xx	UNERASE.
148.	-CATALOG.148			released Nov 4, 1983
148.01	BIOSIN .PAS	9K	xx xx	Calendar program
148.02	ERASE .COM	8K	xx xx	'User friendly' erase
148.03	ERASE .PAS	6K	xx xx	/
148.04	INITLISP.	1K	xx xx	Updated Lisp in Pascal
148.05	INITLISP.STB	1K	xx xx	/
148.06	LISP .COM	27K	xx xx	/
148.07	LISP .DOC	14K	xx xx	/
148.08	LISP .PAS	38K	xx xx	/
148.09	PRIME .COM	20K	xx xx	Illustration of public-key
148.10	PRIME .DOC	4K	xx xx	cryptography
148.11	PRIME .PAS	3K	xx xx	/
148.12	PRIME .TXT	3K	xx xx	/
148.13	PRIME1 .PAS	3K	xx xx	/
148.14	RNDKNUTH.LIB	7K	xx xx	Random numbers library file
148.15	SIGNS .DOC	4K	xx xx	Formatting program for both
148.16	SIGNS .PAS	6K	xx xx	80 and 132 col printers
148.17	SIGNS .TXT	4K	xx xx	/
148.18	SIGNS11 .COM	10K	xx xx	/
148.19	SIGNS6 .COM	10K	xx xx	/
148.20	FONT .DAT	1K	xx xx	/
148.21	STUDENT2.COM	19K	xx xx	Updated Student program
148.22	STUDENT2.PAS	23K	xx xx	/
148.23	TUTOR .PRN	9K	xx xx	/
148.				MODEM 7 for Zenith 100, UNIX-LU
149.00	-CATALOG.149			released November 4, 1983
149.01	C86 .LBR	114K	xx xx	8086 version of Small C
149.05	C86 .DOC	1K	xx xx	/
149.02	MODEM7-Z.ASM	48K	xx xx	MODEM 7 for Zenith 100
149.03	MODEM7-Z.COM	7K	xx xx	/
149.04	MODEM7-Z.DOC	7K	xx xx	/

149.06	FROMXMOD.FOR	3K	xx xx	XMODEM in Fortran for the VAX
149.07	TOXMOD .FOR	3K	xx xx	/
149.08	XMODEM .FOR	21K	xx xx	/
149.09	XMODMFOR.DOC	6K	xx xx	/
149.10	UNIX-LU .LBR	17K	xx xx	Program similar to LU written in C
149.11	UNIX-LU .DOC	3K	xx xx	/
150.				Citadel - A Bulletin Board in C 28000 Forth
151.00	-CATALOG.150			released November 4, 1983
150.01	211CONFIG.C	12K	xx xx	CITADEL - A Bulletin Board in C
150.02	211CTDL .C	20K	xx xx	/
150.03	211CTDL .H	18K	xx xx	/
150.04	211LINK .SUB	1K	xx xx	/
150.05	211LOG .C	17K	xx xx	/
150.06	211MISC .C	10K	xx xx	/
150.07	211MODEM.C	26K	xx xx	/
150.08	211MSG .C	32K	xx xx	/
150.09	211PROD .SUB	1K	xx xx	/
150.10	211ROOMA.C	20K	xx xx	/
150.11	211ROOMB.C	19K	xx xx	/
150.12	28001 .ZSC	30K	xx xx	28000 Forth
150.13	28KFORTH.DOC	6K	xx xx	/
150.				68000 FORTH, DEC Rainbow Utilities & Modem
151.00	-CATALOG.151			released November 4, 1983
151.01	68KFORTH.LBR	56K	xx xx	Forth for 68000
151.02	DSK7-RB2.AQM	45K	xx xx	Disk 7 for DEC Rainbow
151.03	DSK7-RB2.INF	1K	xx xx	/
151.04	DSK7-RB2.OBJ	6K	xx xx	/
151.05	FCVRNBOW.OBJ	5K	xx xx	DEC Rainbow utilities
151.06	FMT-RB13.OBJ	3K	xx xx	/
151.07	FMTNRBOW.OBJ	3K	xx xx	/
151.08	MBOOT-RB.A86	7K	xx xx	/
151.09	MBOOT-RB.SUB	1K	xx xx	/
151.10	MODEM-RB.LBR	89K	xx xx	MODEM for DEC Rainbow
152.				Disk Drive Tester, Miscellaneous Updates
152.01	APLCAT94.LBR	39K	xx xx	Apple CAT II modem
152.02	DDD11 .ASM	47K	xx xx	Tests disk drives with 1793 controller and
152.03	DDD11 .DOC	4K	xx xx	Dysan test disk - without oscilloscope
152.04	DU-V86 .COM	8K	xx xx	Updated disk utility
152.05	DU-V86 .DOC	13K	xx xx	/
152.06	LADDER .MF4	5K	xx xx	Analysis of ladder network for gain
152.07	LADDER .OBJ	12K	xx xx	and phase.
152.08	LDIR211 .LBR	16K	xx xx	Updates LDIR
152.09	NSWP .COM	7K	xx xx	Big and little versions of WASH
152.10	SWEEP40 .LBR	42K	xx xx	/
152.11	TYPE1 .COM	2K	xx xx	Wildcard type - unsqueezes too
152.12	TYPE1 .DOC	3K	xx xx	/
152.13	USQ .COM	2K	xx xx	Wildcard unsqueeze
152.14	USQ .DOC	3K	xx xx	/
152.15	WOOF .COM	16K	xx xx	Plots frequency response of loudspeaker
152.16	WOOF .FOR	7K	xx xx	enclosure
153.				XLISP for CP/M 86
153.01	CC .SUB	1K	xx xx	XLISP by David Betz as released on
153.02	CCLISP .SUB	1K	xx xx	SIG/M volume 118 modified for CP/M
153.03	CTYPE .H	1K	xx xx	86 by Harry Van Tassell.
153.04	LINKLISP.SUB	1K	xx xx	!

153.05	PT	.LSP	4K	xx xx	!
153.06	SETJMP	.H	1K	xx xx	!
153.07	STDIO	.H	1K	xx xx	!
153.08	T	.LSP	4K	xx xx	!
153.09	XLBIND	.C	2K	xx xx	!
153.10	XLDMEM	.C	9K	xx xx	!
153.11	XLEVAL	.C	7K	xx xx	!
153.12	XLFIQ	.C	5K	xx xx	!
153.13	XLIO	.C	2K	xx xx	!
153.14	XLISP	.C	2K	xx xx	!
153.15	XLISP	.CMD	41K	xx xx	!
153.16	XLISP	.DOC	29K	xx xx	!
153.17	XLISP	.H	6K	xx xx	!
153.18	XLKMAP	.C	7K	xx xx	/
153.19	XLLIST	.C	12K	xx xx	/
153.20	XMLATH	.C	9K	xx xx	/
153.21	XLOBJ	.C	18K	xx xx	/
153.22	XLPRIN	.C	4K	xx xx	/
153.23	XLREAD	.C	8K	xx xx	/
153.24	XLSTR	.C	6K	xx xx	/
153.25	XLSUBR	.C	12K	xx xx	/
154.					Forth-83
154.01	F83	.COM	24K	xx xx	Compiled Forth with editor, assembler, etc
154.02	F83	.DOC	9K	xx xx	Documentation file
154.03	CPU8080	.BQK	9K	xx xx	Assembler, debugging & multitasking source
154.04	DIRECT	.BQK	4K	xx xx	Support screens for direct BIOS I/O
154.05	EXTEND80	.BQK	9K	xx xx	Extension screens
154.06	KERNEL	.HEX	33K	47 82	Hex file for F83
154.07	META80	.BQK	73K	CF A9	Meta source & F83 screens
154.08	UTILITY	.BQK	36K	FF 46	CP/M interface, editor & multitasking
155.					dBASEII (TM) Programs and Information
155.					including Atlanta Data Base Users Soc. Vol I
155.01	ADBUG	.CMD	5K	xx xx	Atlanta Data Base Users Group
155.02	ADBUG/1	.DBF	1K	xx xx	Letter Mailing and Member Data
155.03	ADD/REC	.CMD	6K	xx xx	Records System
155.04	FORM/LTR	.CMD	4K	xx xx	/
155.05	FORM/PRT	.CMD	7K	xx xx	/
155.06	LABELPRT	.CMD	4K	xx xx	/
155.07	LETTER00	.CMD	4K	xx xx	/
155.08	LIST/PRT	.CMD	5K	xx xx	/
155.09	MAIL/LAB	.CMD	3K	xx xx	/
155.10	XBALANCE	.CMD	5K	xx xx	Atlanta Data Base Users
155.11	XCANCEL	.CMD	4K	xx xx	Society Banking System
155.12	XDEPCANC	.CMD	3K	xx xx	/
155.13	XDEPOSIT	.CMD	3K	xx xx	/
155.14	XINDEX	.CMD	4K	xx xx	/
155.15	XMENU	.CMD	3K	xx xx	/
155.16	XMODCKS	.CMD	6K	xx xx	/
155.17	XMODDEP	.CMD	3K	xx xx	/
155.18	XNEWENTR	.CMD	4K	xx xx	/
155.19	XPRNT	.SUB	1K	xx xx	/
155.20	XPRNTCK	.CMD	8K	xx xx	/
155.21	XSYSTEM	.DOC	6K	xx xx	/
155.22	ABUSBANK	.DBF	1K	xx xx	/
155.23	CKNUM	.NDX	1K	xx xx	/

155.24	OFFBASE	.CMD	2K	xx xx	Atlanta Data Base Users
155.25	SAM001	.CMD	4K	xx xx	Society Sample Periodical
155.26	SAM001	.DOC	23K	xx xx	Tracking Data Base System
155.27	SAM002	.CMD	4K	xx xx	/
155.28	SAM002	.DOC	25K	xx xx	/
155.29	SAMAKEY	.NDX	2K	xx xx	/
155.30	SAMFILE	.DBF	2K	xx xx	/
155.31	SAMMENU	.CMD	3K	xx xx	/
155.32	SAMMENU	.DOC	15K	xx xx	/
155.33	SAMSCR1	.CMD	3K	xx xx	/
155.34	SAMSCRM	.CMD	1K	xx xx	/
155.35	UPDATE	.129	3K	xx xx	Updating files and information
155.36	MAIN	.INV	4K	xx xx	dBASEII version 2.4 and
155.37	MAIN	.SIG	6K	xx xx	SIG/M Vol. 129
155.38	MENU	.SIG	2K	xx xx	/
155.39	SIG/M	.CMD	10K	xx xx	/
155.40	DBOX	.ART	4K	xx xx	Dual Data Bases and dBASEII
155.41	VALDATE	.TST	3K	xx xx	dBASE date validation program
156.					Miscellaneous Z80 and 8080 Programs
156.01	1771	.LBR	62K	xx xx	Extended SD storage for 1771 systems
156.02	FIND40	.LBR	14K	xx xx	Updated FIND
156.03	LU301	.COM	19K	xx xx	Updated library utility
156.04	LU301	.TXT	2K	xx xx	/
156.05	LUX12B	.LBR	87K	xx xx	Z80 utility for library files
156.06	M712TRS	.AQM	8K	xx xx	Modem for TRS-80 Models 2, 12 & 16
156.07	SQ-17	.LBR	24K	xx xx	Updated squeeze program
156.08	XM77TRS	.AQM	6K	xx xx	Xmodem for TRS-80 Models 2, 12 & 16
157.					CP/M-86 Util. & Modem Routines, Atari
157.01	BDOS	.A86	1K	xx xx	CP/M-86 Relocatable Utility
157.02	BDOS	.OBJ	1K	xx xx	Routines (RASM86)
157.03	CATH	.A86	1K	xx xx	!
157.04	CATH	.OBJ	1K	xx xx	!
157.05	CLINE	.A86	1K	xx xx	!
157.06	CLINE	.OBJ	1K	xx xx	!
157.07	EN	.A86	1K	xx xx	!
157.08	EN	.OBJ	1K	xx xx	/
157.09	FCBFN	.A86	2K	xx xx	/
157.10	FCBFN	.OBJ	1K	xx xx	/
157.11	FSCAN	.A86	5K	xx xx	/
157.12	FSCAN	.OBJ	1K	xx xx	/
157.13	INITFCB	.A86	1K	xx xx	/
157.14	INITFCB	.OBJ	1K	xx xx	/
157.15	UPCASE	.A86	1K	xx xx	/
157.16	UPCASE	.OBJ	1K	xx xx	/
157.17	Z80-EMUL	.LBR	18K	xx xx	Runs 8080 on 8086 -if you can make it work!
157.18	MODEM86	.AQ6	27K	xx xx	CP/M-86 version of Modem 7
157.19	MODEMAPC	.CMD	19K	xx xx	Modem for APC
157.20	MODEMGB	.CMD	19K	xx xx	Modem-Godbout 8/16 with Interfacer 3, PMMI
157.21	SETTIME	.A86	6K	xx xx	Sets time on CompuPro Board for CP/M
157.22	SETTIME	.CMD	2K	xx xx	or MP/M 86
157.23	SCRUB	.CMD	14K	xx xx	8086 program to clean up WS
157.24	SCRUB	.CQ	3K	xx xx	files
157.25	ATARI86	.LBR	47K	xx xx	How to attach Atari to your CP/M machine
157.26	LTYPE14	.LBR	15K	xx xx	Types squeezed and unsqueezed .LBR files
158.					YAMC86 - (CPM/86 Vers: Yet Another Modem)

158.01	YAM1	.C	13K	xx xx	YAM main()
158.02	YAM10	.C	6K	xx xx	utilities and unsqueeze
158.03	YAM2	.C	11K	xx xx	Christenson protocol handler
158.04	YAM3	.C	15K	xx xx	conversation with data capture
158.05	YAM4	.C	7K	xx xx	CIS 'a' protocol
158.06	YAM5PMMI	.C	10K	xx xx	for PMMI mm-103
158.07	YAM5SMI4	.C	9K	xx xx	for Smartmodem with Interfacer 3/4
158.08	YAM7	.C	22K	xx xx	CP/M 86 needs
158.09	YAMC86	.H	10K	xx xx	defines globals
158.10	YAMHELP	.T	7K	xx xx	online help file
158.11	YAMIMPL	.LQT	22K	xx xx	how to install YAM
158.12	YAMMAN	.LQT	33K	xx xx	how to use YAM
158.13	YAMPMMI	.H	4K	xx xx	yamsys.h for pmmi
158.14	YAMSMI4	.H	5K	xx xx	yamsys.h for Smartmodem with IF 3/4
158.15	MAKE1YAM	.SUB	1K	xx xx	compile and link one file
158.16	MAKEYAM	.SUB	1K	xx xx	compile and link all files
158.17	PHONES	.T	6K	xx xx	telephone number list
158.18	CRCK	.A86	3K	xx xx	CRC for CP/M 86 with update
158.19	UPDCRC	.A86	3K	xx xx	/
158.20	USQ	.CMD	18K	xx xx	wildcard unsqueeze for CP/M 86
159.					TINCMP86 and META for CP/M 86
159.01	COMPILE	.SUB	1K	xx xx	TINCMP macro processor
159.02	CONSID	.OBJ	1K	xx xx	and META compiler compiler.
159.03	FCBFN	.OBJ	1K	xx xx	For full documentation see
159.04	FSCAN	.OBJ	1K	xx xx	Dr. Dobbs July 1981 (TINCMP)
159.05	IOPACK	.OBJ	2K	xx xx	and August 1981 (META4)
159.06	M4	.M4	8K	xx xx	
159.07	META	.A86	43K	xx xx	
159.08	META	.CMD	30K	xx xx	
159.09	META	.OBJ	17K	xx xx	
159.10	META4	.MET	5K	xx xx	
159.11	METAI1	.MT4	1K	xx xx	
159.12	METATERP	.PGN	23K	xx xx	
159.13	TEST1	.A86	1K	xx xx	
159.14	TEST2	.CMD	4K	xx xx	
159.15	TEST2	.PGN	2K	xx xx	
159.16	TEST3	.CMD	4K	xx xx	
159.17	TEST3	.PGN	3K	xx xx	
159.18	TEST4	.CMD	4K	xx xx	
159.19	TEST4	.PGN	3K	xx xx	
159.20	TEST5	.CMD	5K	xx xx	
159.21	TEST5	.PGN	2K	xx xx	
159.22	TEST6	.CMD	3K	xx xx	
159.23	TEST6	.PGN	2K	xx xx	
159.24	TINCMP	.A86	20K	xx xx	
159.25	TINCMP86	.CMD	18K	xx xx	
159.26	TINCMP86	.PGN	12K	xx xx	
159.27	TINMACR	.TIN	7K	xx xx	
160.					Cross ref, erase, apple II from
160.					Toronto RCP/M, Lark Time Stamp
160.01	APLVIDEX	.LBR	13K	xx xx	speeds console on Apple II with Videx card
160.02	SPRITE	.LBR	16K	xx xx	for TI Sprite Chip TMS9918 on Apple II
160.03	STAMP	.LBR	95K	xx xx	time Stamp your files
160.04	XERA	.LBR	11K	xx xx	extended erase
160.05	XREF36	.LBR	62K	xx xx	create cross reference from .PRN files

File Name	Size	Permissions	Description
161.			from Toronto RCP/M, Thousand Oaks B.B.
161.01 BMBUG .LBR	51K	xx xx	Fixes Business Master Accounting Pack.
161.02 CTYPE .DQC	2K	xx xx	Indicates control characters in
161.03 CTYPE .OQJ	1K	xx xx	file.
161.04 DIAL11 .LBR	35K	xx xx	280 autodialer - OSB. & Smartmodem
161.05 DU-TUTOR.AQT	24K	xx xx	DU tutorial
161.06 MXSET12 .MAC	5K	xx xx	Control codes for MX-80
161.07 MXSET12 .OBJ	3K	xx xx	/
161.08 OSDDAUTO.LBR	4K	xx xx	Autoload Osborne I DD
161.09 OSFSTMOD.TQT	2K	xx xx	Info on FAST and Osborne
161.10 OSMENU .LBR	7K	xx xx	Makes Osborne I DD 'turnkey system'
161.11 OSUTL12 .LBR	38K	xx xx	Osborne disk file program
161.12 OZTOKPRO.AQM	5K	xx xx	Allows OSB to read Kaypro DD
161.13 QWIKKEY .DOC	4K	xx xx	Allows you to replace keys by
161.14 QWIKKEY .OBJ	2K	xx xx	character strings
161.15 TYPER-2 .LBR	27K	xx xx	Turns computer into typewriter
162.			Concurrent Pascal-S Compiler; PL/0 Compiler
162.01 BOUNDED .CCP	1K	xx xx	bounder buffer problem, in ccp
162.02 CCP .001	3K	xx xx	init overlay
162.03 CCP .002	22K	xx xx	compiler overlay
162.04 CCP .003	15K	xx xx	interpreter
162.05 CCP .COM	8K	xx xx	root .com file
162.06 CCP .DOC	6K	xx xx	read first
162.07 CCP .ERL	2K	xx xx	
162.08 CCP .PAS	7K	xx xx	Root source file
162.09 CCP .SYM	2K	xx xx	
162.10 COMPILE .ERL	23K	xx xx	
162.11 COMPILE .PAS	36K	xx xx	compiler iverlay source
162.12 DINPHIL .CCP	2K	xx xx	dining philosophers problem
162.13 GLOBAL .INC	2K	xx xx	global declarations - include file
162.14 INIT .ERL	3K	xx xx	
162.15 INIT .PAS	4K	xx xx	init overlay source
162.16 INTERPRE.ERL	10K	xx xx	
162.17 INTERPRE.PAS	14K	xx xx	interpreter source
162.18 MAKECCP .SUB	1K	xx xx	submit file - note synonyms
162.19 PL0 .COM	26K	xx xx	Wirth PL/0 compiler
162.20 PL0 .ERL	13K	xx xx	
162.21 PL0 .PAS	15K	xx xx	
162.22 RECREAD .	1K	xx xx	sample PL/0 program
162.23 TEST .CCP	1K	xx xx	variable access test
162.24 TRIO .CCP	1K	xx xx	3 processes writing to screen
163.			released March 2, 1984
163.00 ABSTRACT.163			details of programs on disk
163.01 BIBBLD .BAS	6K	xx xx	Bibliographic search database
163.02 BIBLIO .BAS	3K	xx xx	which tells the degree to which
163.03 BIBSR2 .BAS	7K	xx xx	various articles meet your re-
163.04 BIBSRCH .BAS	5K	xx xx	quirements. See BYTE, March 1983
163.05 CMPRBIB .BAS	2K	xx xx	/
163.06 PARMS .BAS	4K	xx xx	/
163.07 VOCBLD .BAS	6K	xx xx	/
163.08 VOCLST .BAS	2K	xx xx	/
163.09 CBAS .TST	1K	xx xx	Test MEMTEST function in CBASIC
163.10 CBASTEST.ASM	1K	xx xx	/
163.11 TEST .BAS	1K	xx xx	/
163.12 CLOSE .COM	11K	xx xx	Program to capture console I/O

163.13	CONS	.ASM	1K	xx xx	/
163.14	CONS	.COM	1K	xx xx	/
163.15	CONSGRAB	.ASM	1K	xx xx	/
163.16	CREATE	.BAS	8K	xx xx	Creates CBASIC data file
163.17	DIR	.BAS	11K	xx xx	Call directory in CBASIC
163.18	DIRECTIO	.BAS	1K	xx xx	Direct console I/O
163.19	DOW	.BAS	1K	xx xx	Day of Week
163.20	FINDCTL	.BAS	1K	xx xx	Gives track and sector info
163.21	GNMENU	.BAS	5K	xx xx	Skeleton database for use with
163.22	GNMENU	.LIN	2K	xx xx	any straight and easy applica-
163.23	GNMENU	.XRF	4K	xx xx	tion
163.24	GNREPORT	.BAS	4K	xx xx	/
163.25	GNREPORT	.LIN	2K	xx xx	/
163.26	GNREPORT	.XRF	4K	xx xx	/
163.27	GNSCREEN	.BAS	5K	xx xx	/
163.28	GNSCREEN	.LIN	2K	xx xx	/
163.29	GNSCREEN	.XRF	3K	xx xx	/
163.30	COMPANY	.DA	1K	xx xx	/
163.31	SCREEN	.FIL	1K	xx xx	/
163.32	GRABCOM	.BAS	1K	xx xx	Demo of GET command in CBASIC
163.33	NAD	.FIL	2K	xx xx	Name and Address database
163.34	NADMAIL	.BAS	4K	xx xx	with mailing labels
163.35	NADMENU	.BAS	8K	xx xx	/
163.36	NADREPT	.BAS	5K	xx xx	/
163.37	NADSCRN	.BAS	6K	xx xx	/
163.38	POKEHI	.BAS	1K	xx xx	Deprotects MBASIC programs
163.39	PRBLM001	.TXT	2K	xx xx	Common statement CBASIC bug
163.40	RBBSINST	.DOC	39K	xx xx	How to use RBBS
163.41	SLEUTH	.BAS	5K	xx xx	XREF program
163.42	X	.COM	3K	xx xx	Directory program
164.	-CATALOG.164				released Mar 2, 1984
164.01	FXT80	.MAC	29K	xx xx	main program, I/O, symbols
164.02	FXT86	.ASM	22K	xx xx	/
164.03	MKV80	.MAC	31K	xx xx	workspace operators
164.04	MKV86	.ASM	20K	xx xx	/
164.05	PDL80	.MAC	35K	xx xx	pushdown list operators
164.06	PDL86	.ASM	23K	xx xx	/
164.07	REC80	.MAC	40K	xx xx	compiler, essential subroutines
164.08	REC86	.ASM	29K	xx xx	/
164.09	RECLIB	.MAC	8K	xx xx	linker to other 8080 programs
165.	-CATALOG.165				released Mar 2, 84
165.01	BINCOM	.ASM	7K	xx xx	compares two binary files
165.02	BINCOM	.ASN	8K	xx xx	/
165.03	BINCOM	.CMD	2K	xx xx	/
165.04	BINCOM	.COM	2K	xx xx	/
165.05	DUMMP	.ASM	4K	xx xx	hex & ASCII file dump
165.06	DUMMP	.ASN	6K	xx xx	/
165.07	DUMMP	.CMD	2K	xx xx	/
165.08	DUMMP	.COM	1K	xx xx	/
165.09	FYNDE	.ASM	12K	xx xx	locate regular expressions
165.10	FYNDE	.ASN	12K	xx xx	/
165.11	FYNDE	.CMD	3K	xx xx	/
165.12	FYNDE	.COM	3K	xx xx	/
165.13	GENBIM	.ASM	6K	xx xx	generate bitmap from .COM file
165.14	GENBIM	.COM	1K	xx xx	/

165.15	LOHD	.ASM	11K	xx xx	improved .HEX to .COM mapping
165.16	LOHD	.COM	2K	xx xx	/
165.17	NDDT	.ASM	57K	xx xx	DDT with many new features
165.18	NDDT	.COM	6K	xx xx	/
165.19	NDDT	.DOC	5K	xx xx	/
165.20	PAGREL	.ASM	1K	xx xx	model relocater program
165.21	PAGREL	.COM	1K	xx xx	/
165.22	READREL	.ASM	15K	xx xx	hexadecimal rendition of .REL
165.23	READREL	.ASN	15K	xx xx	/
165.24	READREL	.CMD	3K	xx xx	/
165.25	READREL	.COM	2K	xx xx	/
165.26	STUTE	.ASM	16K	xx xx	replacement in many files
165.27	STUTE	.ASN	17K	xx xx	/
165.28	STUTE	.CMD	5K	xx xx	/
165.29	STUTE	.COM	3K	xx xx	/
167	-CATALOG.167				rel Mar 2, 1984
167.01	CARD	.REC	3K	xx xx	trace printed circuit on video screen
167.02	STD	.PCB	1K	xx xx	78 data file for CARD.REC
167.03	CNVRT	.REC	14K	xx xx	compiler for language CNVRT
167.04	COMMENT	.DOC	11K	xx xx	general survey of this disk
167.05	FILCOM	.CNV	4K	xx xx	compare ASCII files, report difference
167.06	FXT80	.DIF	1K	xx xx	update to FXT80.MAC
167.07	FXT86	.A86	23K	xx xx	source file for FXT86
167.08	FXT86	.DIF	2K	xx xx	update to FXT86.ASM
167.09	MKV80	.DIF	2K	xx xx	update to MKV80.MAC
167.10	MKV86	.A86	20K	xx xx	source file for MKV86
167.11	PDL80	.DIF	1K	xx xx	update to PDL.80.MAC
167.12	PDL86	.A86	23K	xx xx	source file for PDL86
167.13	PDL86	.DIF	1K	xx xx	update for PDL86.ASM
167.14	REC80	.COM	5K	xx xx	REC80 binary file
167.15	REC86	.A86	30K	xx xx	source file for REC86
167.16	REC86	.CMD	5K	xx xx	REC86 binary file
167.17	REC86	.DIF	1K	xx xx	update to REC86.ASM
167.18	RECA86	.A86	1K	xx xx	master file to assemble RECA86
167.19	SORCIM	.CNV	3K	xx xx	transform an ACT86 file to an ASM86 file
167.20	UPDATE	.CNV	1K	xx xx	update an old file
167.21	VB1	.ASM	16K	xx xx	control for SSM's VB1-B (or C) video board
167.22	VB1	.MAC	11K	xx xx	relocatable VB1.ASM
167.23	VGR	.ASM	17K	xx xx	control for Vector Graphics VGR board
167.24	VGR	.MAC	14K	xx xx	relocatable VGR.AMS
7.25	VTI	.ASM	9K	xx xx	control for Polymorphic VTI board
167.26	VTI88	.ASM	15K	xx xx	reversed sign bit for VTI.ASM
168					Modem Updates (V. 1 of 3) MDM727/COMM725
168	-CATALOG.168				released April 6, 1984
168.01	MDM727	.AQM	110K	xx xx	Modem 727 .ASM file
168.02	MDM727	.COM	19K	xx xx	Modem 727 for use with overlays
168.03	MDM727	.DOC	24K	xx xx	Modem 727 documentation file
168.04	M7FNK	.COM	3K	xx xx	Function key documentation and
168.05	M7FNK	.DOC	2K	xx xx	.COM file
168.06	M7LIB	.COM	2K	xx xx	Telephone library file and
168.07	M7LIB	.DOC	2K	xx xx	documentation.
168.08	M7NM-6	.AQM	5K	xx xx	/
168.09	M7GP-1	.AQM	7K	xx xx	General purpose overlay
168.10	M7PM-1	.AQM	6K	xx xx	PMMI overlay
168.11	M727RV	.AQM	14K	xx xx	Racal-Vadic VA212PA overlay

168.12	M7US-1	.AQM	10K	xx xx	US Robotics S-100 overlay
168.13	M7AP-1	.AQM	10K	xx xx	Apple II Super Serial (see vol 170)
169					Modem Updates (V 2 of 3) MDM727 & COMM725
169	-CATALOG.169				release April 6, 1984
169.01	M7AL-1	.AQM	8K	xx xx	Altos Series J overlay
169.02	M7DP-1	.AQM	7K	xx xx	Datapoint 1560
169.03	M7EP-1	.AQM	8K	xx xx	Epson QX 10
169.04	M7H8-1	.AQM	8K	xx xx	Heath/Zenith H89
169.05	M7HP-1	.AQM	8K	xx xx	Hewlett Packard HP/25 series 100
169.06	M7HZ-1	.AQM	8K	xx xx	Heath/Zenith 100
169.07	M7IN-1	.AQM	8K	xx xx	Godbout Interfacer 3/4 or SS
169.08	M7KP-1	.AQM	8K	xx xx	Kaypro 2
169.09	M7LQ-1	.AQM	8K	xx xx	Lobo Max 80
169.10	M7MD-1	.AQM	7K	xx xx	Morrow Micro Decision
169.11	M7MM-1	.AQM	9K	xx xx	Morrow Multi I/O
169.12	M7NA-1	.AQM	7K	xx xx	NorthStar Advantage
169.13	M7NE-1	.AQM	7K	xx xx	NEC PC-8001
169.14	M7NH-1	.AQM	7K	xx xx	NorthStar Horizon & HSI0-4
169.15	M7NH-2	.AQM	7K	xx xx	NorthStar Horizon all baud HSI0-4
169.16	M7OA-1	.AQM	10K	xx xx	Otrona Attache
169.17	M7OS-1	.AQM	8K	xx xx	Osborne
169.18	M7OX-1	.AQM	9K	xx xx	Osborne Executive
169.19	M7P1-1	.AQM	11K	xx xx	PCM Micromate 101
169.20	M7PC-1	.AQM	9K	xx xx	IBM PC with Baby Blue 280
169.21	M7R1-1	.AQM	8K	xx xx	TRS-80 with Omikron Mapper
169.22	M7R2-1	.AQM	8K	xx xx	TRS-80 Model II, Pickles & Trout
169.23	M7R4-1	.AQM	8K	xx xx	TRS-80 Mod 4, Montezuma Micro CP/M 2.2
169.24	M7SY-1	.AQM	7K	xx xx	Sanyo MCB-1000
169.25	M7TV-1	.AQM	8K	xx xx	Televideo TS-802
169.26	M7VT-1	.AQM	8K	xx xx	DEC VT180
169.27	M7VT-2	.AQM	9K	xx xx	DEC VT180, Rainbow & DECmate II
169.28	M7XE-1	.AQM	8K	xx xx	Xerox 820 & 820-II
169.29	M7ZB-1	.AQM	7K	xx xx	Telcom Zorba
170					Modem Updates (V 3 of 3) MDM727 & COMM725
170	-CATALOG.170				released April 6, 1984
170.01	COMM725	.AQM	35K	xx xx	Updated COMM7. A full feature
170.02	COMM725A	.AQM	36K	xx xx	communication program using
170.03	COMM725B	.AQM	18K	xx xx	Christiansen protocol for
170.04	COMM725C	.AQM	17K	xx xx	file transfer.
170.05	COMM725D	.AQM	28K	xx xx	/
170.06	COMM7INS	.AQM	9K	xx xx	/
170.07	DISK77B	.AQM	41K	xx xx	Updated DISK7 - both a part of
170.08	DISK77B	.COM	4K	xx xx	COMM7 and a separate file handler.
170.09	LASM	.COM	6K	xx xx	Assembler for COMM7.
170.10	LASM	.DOC	3K	xx xx	/
170.11	M7AC+3	.AQM	13K	xx xx	MDM727 Apple CAT II with ALS CP/M
170.12	M7AC-1	.AQM	10K	xx xx	Apple CAT II overlay.
170.13	M7AJ-1	.AQM	11K	xx xx	Apple J-CAT
170.14	M7AM-1	.AQM	8K	xx xx	Apple II with Mountain CPS
171	-CATALOG.171				released April 6, 1984
171.01	ATARIBUS	.LBR	97K	xx xx	Updated Atari to CP/M
171.02	M68COMP	.SCR	45K	xx xx	M68000 compiler in Laboratory
171.03	M68K	.DOC	33K	xx xx	Microsystems Z-80 Forth v 1.14
171.04	LIST1	.LST	24K	xx xx	/
171.05	LIST2	.LST	22K	xx xx	/

171.06	LIST3	.LST	6K	xx xx	/	
171.07	SCREEN	.C	2K	xx xx	/	
171.08	SCREEN	.COM	4K	xx xx	/	
172.00						ABSTRACT INFO ON THE DISK
172.01	8086	.A86	17K	xx xx		8086 monitor
172.02	DISK3	.ASM	12K	xx xx		CP/M+ Disk IO module for XCOMF Hard Disk
172.03	DU-V75A	.A86	53K	xx xx		DU for CP/M 86
172.04	DU-V75A	.CMD	8K	xx xx	/	
172.05	DU-V75A	.DOC	7K	xx xx	/	
172.06	UNERA31	.A86	19K	xx xx		Unerase for CP/M 86
172.07	UNERA31	.CMD	3K	xx xx	/	
172.08	FL3	.ASM	10K	xx xx		Disk IO driver CP/M+, Versafloppy 2
172.09	XBIOS	.A86	44K	xx xx		For hard disk, 2 floppies, ramdisk
172.10	PRINTER	.DOC	4K	xx xx		DOC file for following printer programs
172.11	EPSRTR	.A86	9K	xx xx		Sets Epson printer in CP/M 80
172.12	EPSRTR	.ASM	10K	xx xx		and CP/M 86
172.13	EPSRTR	.CMD	2K	xx xx	/	
172.14	EPSRTR	.COM	2K	xx xx	/	
172.15	OKI-92	.A86	5K	xx xx		Sets Okidata 92 printer in CP/M 80
172.16	OKI-92	.CMD	1K	xx xx		and CP/M 86
172.17	SETOKI	.ASM	9K	xx xx	/	
172.18	SETOKI	.COM	2K	xx xx	/	
173.						
173.01	8080	.CNV	8K	CB EC		Assembler for Intel 8080
173.02	8080	.HLP	41K	D3 19		HELP file for Intel 8080
173.03	8080A	.HLP	45K	7E 43		HELP file for 8080.CNV
173.04	80T86	.CNV	6K	A9 17		Intel 8080 code to INTEL 8086 code
173.05	BINCOM	.CNV	1K	22 87		Compare two binary files
173.06	BORRA	.CNV	1K	5C A8		Delete files subject to confirmation
173.07	CNVPRG	.HLP	45K	2A 35		HELP file for CNVRT programming
173.08	CNVRT	.REC	20K	A6 DE		Source file for CNVRT compiler
173.09	COPY	.CNV	1K	96 0F		Copy file to another
173.10	FIND	.CNV	2K	DF 2C		Search file for keyword
173.11	HEXEH	.CNV	2K	2F 73		Transform FILE.UFH to FILE.HEX
173.12	KWIC	.CNV	1K	8B B4		KWIC listing of keywords in a file
173.13	PAK	.CNV	2K	0E DB		Combine several files into one
173.14	PYP	.CNV	2K	04 D5		Improvement on PIP
173.15	QMREC86	.CMD	6K	B1 91		256K REC86 binary code
173.16	QMREC86	.H86	13K	A3 FF		Segmented REC86 hex file
173.17	REC80	.COM	5K	60 31		REC80 binary code
173.18	SAMPLE	.CNV	1K	6D 2A		Null program
173.19	SENTEN	.CNV	1K	1A D9		Recognize sentence
173.20	UPAK	.CNV	1K	0B A1		Disperse a packed file
173.21	VOWEL	.CNV	1K	41 05		Recognize a vowel
174.						
174.01	ENVIRON	.DOC	2K	E2 CC		System requirements
174.02	EQN	.	1K	3A 2C		Demo of macro use for equation numbering
174.03	EXY1	.	1K	64 18		Exidy video output for scientific symbols
174.04	FOOT	.	1K	60 77		Footnote demo
174.05	FORM	.	1K	7A 29		Form letter demo
174.06	KAYPRO	.	3K	25 86		Kaypro video output
174.07	L2	.COM	17K	87 0F		Linker for BDS 'C'
174.08	LIST	.	1K	EC D5		Initialize to list
174.09	MARGINS	.	2K	7F A7		Test program top & bottom page, pagination
174.10	MATRIX	.	1K	BF 72		Demo of proportional control for equations

174.11	ML92	.	8K	97 7C	Initialize Okidata 92 printer
174.12	MX80	.	6K	DA 43	Initialize Epson MX-80 with Graftrax
174.13	NEC3525	.	3K	E2 16	Initialize NEC with tech math/times roman
174.14	NEST	.	1K	81 99	Demo of nesting macros, string substitution
174.15	NETEST	.	1K	B5 DF	Demo of .NE command
174.16	ONE	.	1K	2C 3E	Test used with sotest
174.17	PAGES	.	2K	AA 00	Test for pagination
174.18	PROWRITE.		4K	DA 50	Initialize Prowriter printer
174.19	ROFF4	.C	13K	42 49	Main source module
174.20	ROFF4	.COM	30K	2B E9	Executable formatter program
174.21	ROFF4	.DOC	34K	BF D4	Documentation
174.22	ROFF4	.H	9K	A4 E8	Source (common declarations)
174.23	ROFF4	.SUB	1K	0D 35	Submit file to create ROFF4.COM
174.24	ROFF41	.C	7K	09 FB	Source module
174.25	ROFF42	.C	8K	1F 53	" "
174.26	ROFF43	.C	5K	59 60	" "
174.27	ROFF44	.C	6K	12 81	" "
174.28	ROFF45	.C	8K	39 37	" "
174.29	ROFF46	.C	8K	28 23	" "
174.30	ROFF47	.C	8K	D1 0A	" "
174.31	SCI	.ASM	4K	EB 33	Initialize Exidy to display sci. symbols
174.32	SCI	.COM	2K	39 24	/
174.33	SOTEST	.	1K	33 0E	Test and demo of nested .SO(urce) commands
174.34	THREE	.	1K	D6 4D	/
174.35	TWO	.	1K	8C 68	/
175.					
175.01	2651SYS	.A86	8K	4B A6	Modem 901 adapted for CP/M 86
175.02	8251SYS	.A86	9K	C0 03	
175.03	CONSOLE	.A86	12K	70 3A	
175.04	DEFF	.A86	2K	B1 E2	
175.07	FILES	.A86	11K	D8 84	
175.08	FINISH	.A86	2K	44 FB	
175.09	MAIN	.A86	25K	26 AA	
175.10	MODEM	.A86	3K	C7 42	
175.11	MODEM-86.DOC		10K	0C FD	
175.12	MODEM9XX.DOC		41K	3D 2B	
175.13	SENDRECV.A86		25K	9F B1	
175.14	SIDOSYS	.A86	9K	19 6E	
175.16	START	.A86	6K	B9 8D	
175.17	TERM	.A86	16K	AA 2E	
175.05	F47-TEST.A86		1K	32 2B	Demonstrates CP/M 86 BDOS function 47
175.06	F47-TEST.CMD		1K	8C 76	/
175.15	SQ	.CMD	20K	96 65	Squeeze files for CP/M 86
175.18	USQ	.CMD	18K	F4 6E	Unsqueeze squeezed files
176.					
176.01	CPM3LIB	.LBR	8K	0B D3	CPM3 routines
176.02	DRI-DATE.LBR		8K	CA 15	Calculates DRI dates
176.03	DU-V86	.LBR	54K	66 E6	Updated Disk Utility
176.04	IF	.LBR	25K	3E 1A	Conditional submit files
176.05	SD-80	.LBR	67K	3B 63	Updated Super Directory
176.06	UNSQ12	.LBR	16K	FC 96	280 unsqueeze
176.07	USQ119	.AQM	9K	39 2E	USQ source code
177.					
177.01	ACTREC	.CQL	3K	8B F7	Accounts receiveable template for
177.02	ACTREC	.DOC	6K	07 98	SuperCalc2

177.03	ADDLF15	.LBR	24K	D1 42	Adds CR and/or LFs to files
177.04	CARRY	.AQM	5K	23 5E	COM loader for single drive systems
177.05	CARRY	.COM	1K	70 14	/
177.06	CDOSCPM	.LBR	16K	37 50	Emulates CDOS 2.35 under CP/M 2.2
177.07	EZ	.AQM	6K	6E 20	Easy loader for COM files with
177.08	EZ	.COM	1K	65 56	complex commands
177.09	LISTDEC	.AQM	7K	A6 8B	DEC to CP/M transfer program
177.10	MONITOR	.AQM	12K	51 D4	8080 monitor based on Alan Miller's
177.11	MONITOR	.DOC	6K	1C 6A	book
177.12	MY-LDIR	.ZQ0	9K	75 1E	LDIR utility for LBR files in 280 assembler
177.13	NEAT	.LBR	24K	45 98	Useful pretty printer for ASM files
177.14	PIPAFR	.AQM	3K	CD 6D	PIP patch for handshake file transfer
177.15	PIPXFR	.COM	1K	D7 A5	/
177.16	RAMMAP	.AQM	3K	AF 54	Displays CP/M memory map
177.17	RAMMAP	.COM	1K	BA 83	/
177.18	SAME	.COM	6K	D1 70	Compares and deletes files from two disks
177.19	SAME11	.AQM	27K	C9 B6	/
177.20	SAP38	.AQM	8K	10 47	Updated sort and pack
177.21	SAP38	.COM	2K	66 8E	/
177.22	SAP38	.DOC	3K	7D 17	/
177.23	SCAVENGE	.LBR	16K	A2 27	MSDOS 1 and 2 bad block locator
177.24	SETBAUD	.ASM	3K	F3 8D	Sets baud rate on Godbout interfacers 3/4
177.25	SETBAUD	.COM	1K	46 53	/
177.26	WIPE	.AQM	3K	C6 AA	Neat way to erase *.SYM,*.HEX,*.REL
177.27	WIPE	.COM	1K	00 B9	and *.BAK files
177.28	WS\$FILES	.DOC	1K	F1 E4	Patches for WordStar 3 and Epson MX 80
177.29	WS\$MX80	.ASM	4K	1F CA	and for VT52 terminal
177.30	WS\$VT52	.ASM	4K	A3 E5	/
178.					
178.01	BDSNEW	.LBR	23K	8E 4D	Replacement functions in assembler for BDSC
178.02	CRTTOOLS	.LBR	100K	F5 D8	Screen handling functions in C
178.03	RBBS4102	.LBR	92K	0B A5	Bulletin Board in BDS C vers 1.50a
179.					
179.01	BIOS3	.LBR	63K	BC D4	CP/M Plus BIOS for Godbout/Compupro
179.02	BIOS3+	.DOC	3K	75 CB	Disk 1
179.03	CARCHIVE	.LBR	12K	C5 37	File archiver in C
179.04	CHECK	.LBR	40K	49 FF	Brace etc matcher for C
179.05	CPMCALL	.CQ	5K	53 D4	CP/M calls for Aztec C
179.06	CRSCHK	.LBR	18K	3B 88	CP/M directory crosscheck utility in C
179.07	CUTILS	.LBR	18K	A3 58	Various C utilities
179.08	GOTO	.AQM	8K	12 F5	Creates 'named directories' for BBS
179.09	PREPARE	.COM	5K	1E 55	Prepares a standard ASCII file
179.10	TRACE	.LBR	6K	2E 44	Active trace facility for Aztec C
179.11	UIOPRTS2	.AQM	11K	36 A3	Collection of USART interfaces for BSTAM
180.					
180.01	HONEYWEL	.LBR	8K	56 63	C utility to communicate with Honeywell L66
180.02	MOD68-13	.LBR	28K	C2 1D	Modem for 6800 FLEX systems
180.03	MPMODEM	.LBR	36K	BA 85	How to set up MPM modem
180.04	PRINTLBL	.LBR	30K	DF 8B	Labels for Diablo & Epson
180.05	QUASI	.LBR	45K	C3 63	Programs for QUASI memory disk
180.06	SAPMAP33	.LBR	15K	13 34	SAP that creates file assignment map
180.07	SHELL	.LBR	14K	BA 42	Unix like shell for CP/M 2.2
180.08	UP-DOW	.LBR	23K	23 1A	Protocol for transfers to/from Compuserve
180.09	XDRIVE10	.LBR	13K	D9 2B	Memory drive program for CP/M 2.2
81.					

181.01	ADDLF	.CQ	4K	C1 B3	Adds LF after CR in text files
181.02	CHAT	.CMD	20K	DC 9C	RCPM CHAT utility rewritten in
181.03	CHAT86	.CQ	3K	B2 68	DRI C
181.04	CRCBUILD	.ASM	15K	34 64	Program used to produce SIG/M
181.05	CRCBUILD	.COM	2K	30 2C	-catalog.xxx files
181.06	CTYPE	.HQ	2K	C0 43	RT-11 TO CP/M 86 disk transfer for DRI C
181.07	ERRNO	.H	1K	27 B4	
181.08	PORTAB	.HQ	2K	61 69	
181.09	RT11	.CQ	6K	8A FA	
181.10	RT11	.CQD	26K	F3 F8	
181.11	RT11	.DQC	6K	FE AD	
181.12	RT11	.H	2K	D2 A3	
181.13	RT11	.INP	1K	37 59	
181.14	RTFILE	.CQ	9K	3C 3C	
181.15	RTMISC	.CQ	3K	97 1F	
181.16	RTMISC1	.AQ6	4K	C1 CB	
181.17	SETJMP	.HQ	2K	55 EC	
181.18	STDIO	.H	1K	BB A4	
181.19	FLIP44	.AQ6	4K	78 7E	FLIPs modem mode, CP/M 86 version
181.20	HELP15	.AQ6	11K	2F A1	Displays help files, CP/M 86 version
181.21	HELP15	.CMD	3K	5C CE	/
181.22	MINIMOD	.AQM	11K	22 ED	Mini MODEM program for MSDOS
181.13	MINIMOD	.DQC	4K	C0 A7	/
181.14	MXPLOT	.BAS	14K	75 3A	Plotter for MX-80
181.15	PAUSE	.CMD	22K	14 70	Pause during SUBMIT CP/M 86 version for
181.16	PAUSE86	.CQ	2K	AB 1B	DRI C
181.28	TAG3	.AQ6	7K	D6 6C	Set attributes on CP/M 86 files for
181.29	TAG3	.CMD	1K	25 C5	RCPMs
181.30	U	.CMD	1K	5F A5	Changes drive/user on CP/M 86 & MP/M 86
181.31	U-CCPM	.AQ6	7K	50 61	/
182.					
182.01	FTH2CPM	.LBR	8K	CE F1	Forth to CP/M screen to file transfers
182.02	LR	.LBR	8K	17 8A	Linear Regression in Nevada Fortran
182.03	MATRIX	.LBR	75K	13 F8	Sophisticated Matrix/Eigen value calculator
182.04	NS-STATS	.LBR	59K	58 BA	Statistics in N* Basic
182.05	PAUSE80	.LBR	6K	A0 9B	Pause during submit in BDS C
182.06	PBH	.LBR	15K	3F C2	Prints block headings
182.07	SYNONYM3	.LBR	13K	85 F2	Creates synonyms for COM files
182.08	TAG-CPM	.LBR	14K	7E 6B	Modem RR traffic system, MSBASIC
183.					
183.01	APYMBOOT	.C	6K	10 A1	YAM equivalent of MBOOT for Apple II
183.02	HARDWARE	.BB2	4K	A7 65	Part of header file for BB2
183.03	READ-ME	.YQM	5K	5A 03	Describes preconfigured YAMs & installation
183.04	XYAMRCPM	.LBR	8K	6F A0	Header file XYAM version of YAMS3
183.05	YAM	.HQP	12K	9A 39	Introduction to YAM
183.06	YAM	.LBR	85K	58 0F	YAM source files & documentation
183.07	YAMAPL	.LBR	5K	57 DA	Header file Apple II with CCS 7710 card
183.08	YAMAPLCC	.LBR	5K	60 65	Header file Apple II with Comms card
183.09	YAMBOOT	.C	6K	B3 CE	YAM equivalent of MBOOT
183.10	YAMDMX	.LBR	6K	DD 23	Header file Datamax
183.11	YAMINT3	.LBR	5K	22 C3	Header file Compupro Interfacer 3/4
183.12	YAMINTER	.LBR	5K	A7 9A	Header file Compupro Interfacer 1
183.13	YAMKPRO	.LBR	6K	88 7A	Header file Kaypro
183.14	YAMMICRO	.LBR	5K	A9 6F	Header file Morrow Micro Decision
183.15	YAMMON	.LBR	5K	69 0E	Header file MOnroe 9200

183.16	YAMOKI	.LBR	5K	4F D0	Header file for Oki
183.17	YAMS3	.LBR	5K	1E 11	Header file Compupro SS1 + Interfacer 3/4
183.18	YAMSAN	.LBR	5K	D1 8F	Header file Sanyo 1000
183.19	YAMSOR	.LBR	8K	F5 37	Header file Exidy Sorcerer
184.					
184.01	SYSENV	.ASM	1K	4C 5C	Basic files for generating a ZCPR3 system
184.02	SYSENV	.LIB	4K	CF 64	
184.03	SYSFCP	.AQM	12K	5E DD	
184.04	SYSFCP1	.LQB	4K	22 16	
184.05	SYSFCP2	.LQB	4K	16 1E	
184.06	SYSIOP	.AQM	19K	43 C0	
184.07	SYSNDR	.ASM	1K	38 72	
184.08	SYSNDR	.LIB	2K	DA 46	
184.09	SYSRCP	.AQM	30K	A4 60	
184.10	SYSRCP1	.LQB	7K	23 EB	
184.11	SYSRCP2	.LQB	7K	37 2D	
184.12	SYSRCP3	.LQB	7K	0E 7F	
184.13	SYSRCP4	.LQB	7K	5A C5	
184.14	Z3BASE1	.LQB	6K	1A FC	
184.15	Z3BASE2	.LQB	6K	0B 15	
184.16	Z3HDR1	.LQB	13K	EA AD	
184.17	Z3HDR2	.LQB	13K	F9 A3	
184.18	Z3TCAP	.AQM	17K	77 42	
184.19	Z3TCAP	.TQP	3K	32 9C	
184.20	ZCPR3	.AQM	43K	35 C4	
184.21	ZCPR3	.INS	4K	52 CF	
185.					
185.01	SYSLIB	.REL	21K	29 21	Basic files for ZCPR3 installation
185.02	VLIB	.REL	2K	01 A1	/
185.03	Z3LIB	.REL	7K	61 B8	/
185.04	Z3INS	.IDX	4K	60 44	ZCPR3 installation manual
185.05	Z3INS	.SQ	19K	70 99	/
185.06	Z3INS	.TQC	6K	88 B5	
185.07	Z3INS1	.SQ	8K	F2 4F	
185.08	Z3INS2	.SQ	9K	58 67	
185.09	Z3INS3	.SQ	38K	56 66	
185.10	Z3INS4	.SQ	20K	FB 88	
185.11	Z3INS5	.SQ	4K	AC 7B	
185.12	Z3INS6	.SQ	21K	A9 16	
185.13	Z3INS7	.SI	2K	F0 A3	
185.14	Z3INS8	.SI	5K	EB 11	
185.16	Z3USER	.IDX	1K	9F 34	ZCPR3 Users Manual
185.16	Z3USER	.SQ	36K	36 B4	/
185.17	Z3USER	.TOC	1K	18 10	/
186.					
186.01	ALIAS	.COM	4K	82 D4	ZCPR3 Utility files
186.02	CD	.COM	1K	DA 48	
186.03	CMDRUN	.COM	1K	21 B5	
186.04	COMMENT	.COM	1K	3C 4A	
186.05	CPSEL	.COM	1K	CC AA	
186.06	CRC-ZCPR	.COM	6K	A8 9C	
186.07	DEV	.COM	2K	F7 55	
186.08	DEVICE	.COM	3K	15 3E	
186.09	DIFF	.COM	4K	45 A7	
186.10	DIR	.COM	2K	9B 8A	

186.11	ECHO	.COM	1K	F2 D6	
186.12	ERASE	.COM	3K	E7 1E	
186.13	ERROR1	.COM	2K	5E B7	
186.14	ERROR2	.COM	3K	2F 03	
186.15	ERROR3	.COM	1K	85 42	
186.16	ERROR4	.COM	1K	86 D1	
186.17	ERRORX	.COM	1K	F9 41	
186.18	FINDF	.COM	2K	D2 A6	
186.19	GOTO	.COM	1K	6A DA	
186.20	HELP	.COM	3K	92 8B	
186.21	HELPC	.COM	2K	F3 B3	
186.22	HELPP	.COM	5K	12 E7	
186.23	IF	.COM	3K	41 8D	
186.24	IFSTAT	.COM	1K	65 86	
186.25	LDR	.COM	3K	A1 4E	
186.26	MCOPY	.COM	4K	83 41	
186.27	MENU	.COM	4K	8C ED	
186.28	MENUCK	.COM	3K	3C DC	
186.29	MKDIR	.COM	6K	01 4B	
186.30	NOTE	.COM	1K	CB 9E	
186.31	PAGE	.COM	5K	DF 9F	
186.32	PATH	.COM	2K	E4 21	
186.33	FRINT	.COM	6K	04 92	
186.34	PROTECT	.COM	4K	A1 30	
186.35	PWD	.COM	1K	2B 9B	
186.36	QUIET	.COM	1K	DF 6B	
186.37	RECORD	.COM	1K	C2 B4	
186.38	REG	.COM	1K	1C C4	
186.39	RENAME	.COM	4K	A2 F2	
186.40	SAK	.COM	1K	78 42	
186.41	SETFILE	.COM	1K	00 B2	
186.42	SH	.COM	4K	A8 9E	
186.43	SHCTRL	.COM	1K	E3 7A	
186.44	SHDEFINE	.COM	3K	0D EA	
186.45	SHFILE	.COM	1K	63 4F	
186.46	SHOW	.COM	8K	80 8A	
186.47	SHVAR	.COM	3K	4D 89	
186.48	SUB	.COM	3K	59 E5	
186.49	TCHECK	.COM	2K	72 35	
186.50	TCMAKE	.COM	6K	B3 A0	
186.51	TCSELECT	.COM	3K	7C 29	
186.52	UNERASE	.COM	2K	50 57	
186.53	WHEEL	.COM	2K	0C D0	
186.54	XD	.COM	4K	46 5B	
186.55	XDIR	.COM	8K	72 48	
186.56	Z3INS	.COM	2K	DF B7	
186.57	Z3LOC	.COM	1K	A9 08	
186.58	ZEX	.AQM	31K	A2 41	ZCPR3 ZEX files
186.59	ZEX	.COM	6K	5E 36	/
186.60	ALIAS	.ZEX	2K	6D BE	/
186.61	ZEX	.ZEX	4K	78 2C	/
187.					
187.01	ALIAS	.HLP	5K	9C 58	ZCPR3 HELP files
187.02	CMDFILES	.HQP	16K	94 6B	!
187.03	COMPARE	.HLP	5K	26 B6	!

187.04	DIRS	.HQP	13K	D1 3A	!
187.05	HELP	.HLP	1K	54 CD	!
187.06	HELPSYS	.HQP	19K	08 F5	
187.07	IF	.HQP	8K	2C 8A	
187.08	IO	.HQP	8K	24 2E	
187.09	MENU	.HQP	21K	2C 55	
187.10	NDIRS	.HQP	10K	49 B2	
187.11	SH	.HQP	9K	0F 9E	
187.12	SYSRCP	.HLP	6K	F6 33	
187.13	Z3RES	.HLP	8K	80 0E	
187.14	Z3TCAP	.HQP	23K	9D 25	
187.15	Z3UTIL1	.HQP	20K	51 A3	
187.16	Z3UTIL2	.HQP	14K	86 FE	
187.17	ZCPR3	.HLP	4K	66 6E	
187.18	ALIAS0	.MAC	8K	50 72	ZCPR3 MAC files
187.19	ALIAS1	.MQC	7K	71 26	
187.10	CD	.MAC	3K	42 02	
187.21	CMDRUN	.MAC	1K	F2 1D	
187.22	COMMENT	.MAC	4K	FF 64	
187.23	CPSEL	.MAC	7K	26 69	
188.					
188.01	CRC	.MQC	12K	FF 15	ZCPR3 MAC files
188.02	DEV	.MQC	7K	C9 59	
188.03	DEVICE	.MQC	7K	97 6A	
188.04	DIFF	.MQC	10K	F5 79	
188.05	DIR	.MAC	7K	22 27	
188.06	ECHO	.MAC	4K	82 4C	
188.07	ERASE	.MQC	7K	64 55	
188.08	ERROR1	.MAC	8K	7B F1	
188.09	ERROR2	.MQC	6K	1E 35	
188.10	ERROR3	.MAC	4K	85 FA	
188.11	ERROR4	.MAC	4K	D1 79	
188.12	ERRORX	.MAC	2K	7F 9C	
188.13	FINDF	.MQC	14K	B6 D8	
188.14	GOTO	.MAC	4K	45 36	
188.15	HELP	.MQC	16K	09 D6	
188.16	HELPCK	.MQC	7K	25 79	
188.17	HELPPR	.MQC	19K	70 F0	
188.18	IF	.MQC	7K	5E 57	
188.19	IFSTAT	.MAC	2K	23 4E	
188.20	LDR	.MQC	8K	B8 41	
188.21	MCOPY	.MQC	14K	3D DE	
188.22	MENU	.MQC	20K	21 E9	
188.23	MENUCK	.MQC	8K	98 D3	
188.24	MKDIR	.MQC	12K	DF E6	
188.25	NOTE	.MAC	1K	98 6F	
188.26	PAGE	.MQC	17K	36 5D	
188.27	PATH	.MQC	6K	FB AD	
189.					
189.01	PRINT	.MQC	19K	24 17	ZCPR3 MAC files
189.02	PROTECT	.MQC	9K	97 CA	
189.03	PWD	.MAC	5K	DF 00	
189.04	QUIET	.MAC	3K	FA 09	
189.05	RECORD	.MAC	4K	4E E7	
189.06	REG	.MAC	5K	40 1A	

189.07	RENAME	.MQC	9K	1E	FB	
189.08	SAK	.MAC	5K	62	C2	
189.09	SETFILE	.MAC	2K	73	D5	
189.10	SH	.MQC	11K	BE	F5	
189.11	SHCTRL	.MAC	3K	CA	E6	
189.12	SHDEFINE	.MQC	8K	7E	64	
189.13	SHFILE	.MAC	2K	34	17	
189.14	SHOW	.MQC	20K	AF	69	
189.15	SHVAR	.MQC	8K	F9	99	
189.16	SUB	.MQC	15K	A1	1B	
189.17	TCCHECK	.MAC	5K	70	79	
189.18	TCMAKE	.MQC	13K	02	D5	
189.19	TCSELECT	.MQC	8K	CB	D5	
189.20	UNERASE	.MQC	10K	FA	52	
189.21	WHEEL	.MAC	4K	FF	CF	
189.22	XD	.MQC	12K	F7	E0	
189.23	XDIR	.MQC	25K	D6	BC	
189.24	Z3INS	.MQC	7K	C8	63	
189.25	Z3LOC	.MAC	4K	35	83	
190.						
190.01	SYSLIB1	.LBR	60K	39	42	Library of SYSLIB routines
190.02	SYSLIB2	.LBR	78K	EC	4C	/
190.03	SYSLIB3	.LBR	57K	DC	5A	/
191.						
191.01	SYSLIB	.REL	21K	29	21	SYSLIB library of routines
191.02	SYSLIB27	.REL	14K	1C	54	/
191.03	SYSLIB4	.LBR	48K	7B	A6	/
191.04	SYSLIB5	.LBR	66K	78	C0	/
192.						
192.01	SYS2-3	.TXT	9K	6B	3B	Upgrade notes to SYSLIB 2 & 3
192.02	SYSLIB	.HLP	2K	81	84	SYSLIB HELP files
192.03	SYSLIB0	.HLP	14K	86	FE	
192.04	SYSLIB1	.HLP	20K	8F	BB	
192.05	SYSLIB2	.HLP	5K	6D	D5	
192.06	SYSLIB3	.HLP	15K	F8	5C	
192.07	SYSLIB4	.HLP	12K	E7	A6	
192.08	SYSLIB5	.HLP	12K	F4	17	
192.09	SYSLIB6	.HLP	8K	F4	5A	
192.10	SYSLIB7	.HLP	6K	15	2C	
192.11	SYSLIB8	.HLP	5K	3C	A8	
192.12	SYSLIB9	.HLP	3K	42	92	
192.13	SYSLIBA	.HLP	7K	64	42	
192.14	SYSLIBB	.HLP	5K	20	09	
192.15	SYSLIBC	.HLP	9K	F9	6C	
192.16	SYSLIBD	.HLP	5K	48	9A	
192.17	SYSLIBE	.HLP	8K	55	D3	
192.18	SYSLIBF	.HLP	4K	2A	54	
192.19	SYSLIBG	.HLP	3K	EE	4C	
192.20	SYSLIBH	.HLP	2K	6F	02	
192.21	SYSLIBI	.HLP	6K	DC	1E	
193.						
193.01	BISHOW31	.AQM	32K	52	5D	bidirectional pager for both squeezed and
193.02	BISHOW31	.COM	3K	B8	D1	unsqueezed files.
193.03	DBL211	.LBR	12K	B1	21	Oki, Epson, etc. output 2 cols. side by side
193.04	HEX2DATA	.BAS	3K	EF	71	turn hex file into basic data statements

193.05	JOYSTICK.LBR	20K	E2 15	Atari joysticks for Osborne
193.06	MOI .CAL	5K	B9 9B	math of interest supercalc template
193.07	MXSET22 .LBR	68K	A5 19	ultimate MX-80, 100 set program
193.08	PAF-TAB .CAL	11K	AD 0A	interest calc supercalc template
193.09	PSWORD .LBR	6K	3D C3	passwords for .COM files
193.10	RENEXT11.LBR	8K	8A DF	renames all files with same extension
193.11	TXT23 .LBR	7K	8C B4	inserts text statements in .COM files
193.12	ZDEBUG17.LBR	23K	D9 B6	Z80 debugger
194.				
194.01	PLOT33 .AQM	44K	FC 55	Dot matrix graphics driver
194.02	PLOTCTO.COM	4K	DD A3	Assembled files for CITH, EPSON
194.03	PLOTEP .COM	4K	C1 E6	and OKIDATA printers. IDS, Apple
194.04	PLOTOKI .COM	4K	26 EB	and others use .ASM file
194.05	PLOT33 .DQC	38K	3C 2D	Documentation
194.06	FILLS .BAS	1K	9D A2	MBASIC demo of stipple patterns
194.07	GRAF .FQ	23K	F9 97	FORTRAN-80 plot package
194.08	GRAF1 .PAS	17K	77 9B	Turbo Pascal low level routines
194.09	GRAF2 .PAS	19K	B0 FF	Turbo Pascal graph drawing routines
194.10	GRAPH .BAS	9K	B5 4F	MBASIC plot package
194.11	HANDPLOT.BAS	22K	93 B2	Demonstration program
194.12	TEST .BAS	2K	D6 EF	MBASIC example program
194.13	TEST .PAS	3K	41 CD	Turbo Pascal example program
194.14	UPLOAD .BAS	10K	D0 93	MBASIC demo-stipple pattern redefinition
195.01	FLUF10 .LBR	25K	79 A9	Fluff minimax algorithm and updates-
195.02	FLUF11/T.LBR	37K	B5 E4	see Dr. Dobbs July 1984
195.03	ROFF4161.LBR	52K	57 49	Updates ROFF4 (SIG/M Vol 174)
195.04	SIMP12/T.LBR	73K	1A 34	Simplex algorithm-see BYTE May 1984
196.				
196.01	DELBR11A.LBR	53K	CC 2D	extracts library files,CP/M 80,86,MSDOS
196.02	EX14 .LBR	29K	9D D4	replacement for SUBMIT and XSUB
196.03	FTNOTE13.LBR	29K	5F B8	produces footnotes with Wordstar
196.04	QK12 .LBR	16K	36 8D	redefines keyboard
196.05	SD-92 .LBR	79K	06 E5	updates sorted directory
196.06	SDT .LBR	4K	B9 4C	enhancement to DDT
196.07	UNSOFT1C.LBR	11K	BB 4F	removes Wordstar high bits
197.				
197.01	FYNDE .AQ6	13K	CA 3E	FIND in CP/M 80 and 86 with the ability
197.02	FYNDE .AQM	11K	09 BE	to locate items in squeezed files too.
197.03	FYNDE .CMD	4K	BC 2B	Written using CNVRT and REC.
197.04	FYNDE .COM	3K	FF BA	/
197.05	HJELP .AQ6	22K	7C 62	HELP in CP/M 80 and 86 with the ability
197.06	HJELP .AQM	20K	F7 6F	to read squeezed files too.
197.07	HJELP .CMD	4K	DD E4	Written using CNVRT and REC.
197.08	HJELP .COM	4K	C2 E4	/
197.09	SIG197 .HQP	31K	EF 08	Help file for this disk
197.10	TYSQ .AQ6	6K	F3 66	Type squeezed files - CP/M 80 and 86
197.11	TYSQ .AQM	8K	E0 60	with the ability to read .COM files
197.12	TYSQ .CMD	2K	93 D3	too. Written using CNVRT and REC.
197.13	TYSQ .COM	1K	97 98	/
197.14	UNSQ .AQ6	8K	92 0E	Unsqueeze squeezed files. Written
197.15	UNSQ .AQM	7K	F2 DA	using CNVRT and REC.
197.16	UNSQ .CMD	2K	8B 63	/
197.17	UNSQ .COM	2K	67 86	/
197.18	UNSQ80 .LIB	11K	F5 F5	ED.COM .LIB version of UNSQ
197.19	UNSQ86 .LIB	11K	E9 4D	ED.COM .LIB version of UNSQ

197.20	CPR860	.LBR	30K	3C 55	ZCPR for 8086, 8088 computers
198.					
198.01	ADD	.BLD	3K	29 67	SIG/M Property Manager - a complete property management program for tenanted real estate. Prints rent bills, rent roll, delinquency list, etc. Includes full accounting - cash receipts, cash disbursements, general journal and general ledger. Prepares balance sheet and P&L statements, etc. Self documented. Required dBASEII (TM) version 2.4. To run under CP/M 80 rename .PRG file to .CMD. (.PRG files are on volume 199). Place all files on one disk with dBASE program and type 'DBASE MANAGE' (or DBASE ACCOUNT if you choose to program only as an accounting package). You may also have dBASE on a separate disk and set default to disk where the Property Manager is.
198.02	ADD1	.BLD	14K	97 F6	
198.03	ADD2	.BLD	9K	ED 8B	
198.04	CHART	.ACC	7K	9C AE	
198.05	CHECKS	.ACC	8K	02 B9	
198.06	DBOX	.SPM	2K	E9 9B	
198.07	DEPOS	.ACC	12K	F9 C1	
198.08	EDIT	.BLD	5K	2C 8B	
198.09	INIT	.ACC	4K	A5 15	
198.10	INIT	.SPM	4K	9D 71	
198.11	JOURN	.ACC	10K	25 E2	
198.12	JOURP	.ACC	18K	A8 2C	
198.13	MAIN	.ACC	5K	6C C6	
198.14	MAIN	.BLD	7K	C0 5C	
198.14	MAINTAIN	.ACC	17K	2C 02	
198.16	MAINTAIN	.BLD	15K	87 2F	
198.17	MENU	.ACC	1K	E5 ED	
198.18	MENU	.BLD	1K	E5 ED	
198.19	MENU	.SPM	8K	6D DE	
198.20	POSTIT	.ACC	11K	83 6D	
198.21	PRINT	.BLD	2K	26 51	
198.22	REPORT	.BLD	21K	98 B9	
198.23	SEARCH	.BLD	4K	FD CE	
198.24	SEARCH1	.BLD	4K	83 A8	
198.25	STATEM	.ACC	12K	DD E2	
198.26	STATEMP	.ACC	17K	64 8F	
199.					
199.01	ACCOUNT	.DBF	1K	00 D9	SIG/M Property Manager (cont)
199.02	ACCOUNT	.NDX	3K	6A 1A	
199.03	BUILD	.DBF	1K	0E 11	
199.04	CHART	.DBF	6K	5D 79	
199.05	CHART	.NDX	3K	D0 28	
199.06	CHART1	.DBF	6K	5D 79	
199.07	CHART2	.DBF	6K	92 3C	
199.08	CODE	.NDX	1K	96 23	
199.09	CODEA	.NDX	1K	3D BB	
199.10	EDIT	.TNT	7K	66 19	
199.11	MAIN	.TNT	8K	A8 77	
199.12	MANAGE	.CMD	11K	10 07	
199.13	MANAGE	.PRG	11K	10 07	
199.14	PRINT	.TNT	4K	E8 83	
199.15	SEARCH	.TNT	5K	47 92	
199.16	SEARCH1	.TNT	5K	8A 25	
199.17	STATEMNT	.DBF	1K	02 E0	
199.18	TENANT	.DBF	6K	62 A3	
199.19	ACCOUNT	.CMD	11K	F0 C8	Alternate 'front end' for Property Manager
199.20	ACCOUNT	.PRG	11K	F0 C8	
199.21	MAIL	.CMD	7K	48 0D	SIG/M Mail Manager, a complete mailing list and record management application program for use with dBASEII (TM) version 2.4.
199.22	MAIL	.PRG	7K	48 0D	
199.23	ACG	.DBF	2K	21 9E	
199.24	ADD	.ACG	8K	9F 6F	
199.25	DUPCHECK	.ACG	1K	9A 9E	
199.26	DUPREC	.ACG	4K	D0 86	

9.27	EDIT	.ACG	6K	8F	87	
199.28	INIT	.ACG	3K	87	F9	
199.29	LASTNAME	.NDX	1K	B9	EF	
199.30	LIST	.ACG	3K	F8	D0	
199.31	LIST1	.ACG	2K	E6	09	
199.32	MAIN	.ACG	5K	E0	B2	
199.33	MAINTAIN	.ACG	6K	18	EA	
199.34	PHONE	.ACG	2K	60	CA	
199.35	PRINT	.ACG	1K	95	C6	
199.36	PURGE	.ACG	2K	7F	84	
199.37	REPORT	.ACG	5K	5F	DA	
199.38	SEARCH	.ACG	4K	38	BC	
199.39	SEARCH1	.ACG	5K	48	33	
199.40	VERIFDEL	.ACG	3K	27	95	
199.41	VERIFNEW	.ACG	3K	3B	38	
199.42	WSFILE	.ACG	3K	F0	D7	
199.43	WSFILE1	.ACG	4K	B2	32	
199.44	PHONE	.CMD	7K	9C	7F	SIG/M Phone Manager, a handy and fast
199.45	PHONE	.DBF	2K	38	17	phone and address database for use with
199.46	PHONE	.NDX	1K	C9	45	dBASEII (TM)
199.47	PHONE	.PRG	7K	9C	7F	/
200.						
200.						
200.01	CLEANDIR	.COM	2K	4F	D5	ZCPR3 sort & pack utility
200.02	CMD	.COM	1K	B2	81	ZCPR3 command line processor
200.03	DPROG	.COM	3K	70	00	ZCPR3 printer, terminal programmer
200.04	DPROG	.HQP	6K	05	6A	squeezed HELP file for DPROG
200.05	DU3	.COM	12K	06	79	ZCPR3 disk utility
200.06	DU3	.HQP	25K	F8	C7	squeezed HELP file for DU3
200.07	MU3	.COM	3K	F5	53	ZCPR3 memory utility
200.08	MU3	.HQP	5K	E9	15	squeezed HELP file for MU3
200.09	SHSET	.COM	1K	4A	16	makes ZCPR3 command line into shell
200.10	VFILER	.COM	11K	D1	62	ZCPR3 screen oriented file utility
200.11	VFILER	.HQP	14K	3B	2C	squeezed HELP file for VFILER
200.12	VLIB	.HQP	8K	1C	84	screen manipulation library HELP file
200.13	VLIB	.REL	2K	01	A1	library of screen manipulation routines
200.14	VMENU	.COM	6K	A5	CA	screen oriented file utility
200.15	VMENU	.HQP	20K	DD	19	squeezed HELP file for VMENU
200.16	VMENUCK	.COM	3K	9E	17	menu file syntax checker
200.17	Z3LIB11	.REL	8K	8F	30	library of support utility routines
200.18	Z3LIB	.HQP	2K	36	ED	squeezed support utility library
200.19	Z3LIB1	.HQP	19K	51	41	HELP files
200.20	Z3LIB2	.HQP	4K	E3	F2	/
200.21	Z3LIB3	.HQP	13K	E4	44	
200.22	Z3LIB4	.HQP	12K	8A	97	/
200.23	Z3UTIL3	.HQP	5K	17	F2	/
201.						
201.01	CLEANDIR	.MQC	8K	BB	7B	ZCPR3 utilities source code
201.02	CMD	.MQC	4K	CC	25	
201.03	DEBUGRCP	.MQC	20K	B6	33	
201.04	DPROG	.MQC	13K	93	27	
201.05	DU3	.MQC	54K	8F	B0	
201.06	MU3	.MQC	11K	63	72	
201.07	SHSET	.MQC	3K	F9	66	
201.08	VFILER	.MQC	58K	47	11	/

201.09	VMENU	.MQC	36K	4F 3C	/
201.10	VMENUCK	.MQC	8K	E6 04	/
202.					
202.01	ANYCODE	.ASM	3K	58 44	program to set printer from
202.02	ANYCODE	.DQC	14K	9E A1	Wordstar
202.03	RSA/T12	.LBR	75K	CF 00	public key cryptography
202.04	VID1	.MAC	1K	B0 F4	ZCPR3 library of routines for
202.05	VID2	.MAC	1K	12 0A	screen manipulation
202.06	VID3	.MAC	1K	6C AD	
202.07	VID4	.MAC	1K	E2 25	
202.08	VID5	.MAC	1K	44 4C	
202.09	VID6	.MAC	1K	F8 F4	
202.10	VID7	.MAC	5K	46 6C	
202.11	VID8	.MAC	1K	96 9E	
202.12	VID9	.MAC	2K	E6 29	
202.13	VIDA	.MAC	1K	65 69	
202.14	VIDB	.MAC	1K	3C 61	
202.15	VLAT	.MAC	1K	A6 D7	
202.16	VLGXYMSG	.MAC	2K	EC 3A	/
202.17	Z3MAC	.LBR	99K	DB 23	ZCPR3 support utility library
203.					
203.01	80T86	.LBR	114K	B6 EC	CP/M 80 to 86 translator
203.02	CNVADV	.HLP	40K	98 A1	advanced CNVRT HELP file
203.03	FFYNDE	.A86	25K	E5 A7	FIND - with the capability
203.04	FFYNDE	.ASM	23K	22 4C	of generating a cross reference
203.05	FFYNDE	.CMD	5K	48 ED	listing
203.06	FFYNDE	.COM	4K	5A F8	/
204.					
204.01	F83	.COM	24K	09 33	compiled Forth
204.02	README	.8Q	13K	DD E2	original F83 instructions
204.03	F83-FIXS	.TQT	4K	52 E2	changes from F83 v 1.0
204.04	BASIC	.BQK	5K	1B 94	BASIC compiler in F83
204.05	CLOCK	.BQK	3K	0B C0	Source for a calendar example
204.06	CPU8080	.BQK	10K	08 B1	8080 dependent code
204.07	EXPAND80	.BQK	3K	AE E5	original source to EXPAND.HUF
204.08	EXTEND80	.BQK	9K	ED D0	extensions source
204.09	HUFFMAN	.BQK	13K	25 1A	compression program
204.10	KERNEL80	.BQK	63K	B8 75	kernel source
204.11	META80	.BQK	13K	6E D8	metacompiler source
204.12	UTILITY	.BQK	37K	4E 38	utility source
205.					
205.01	F83	.68K	29K	1B F1	compiled Forth
205.02	README	.6Q	13K	0C 33	original F83 instructions
205.03	F83-FIXS	.TQT	4K	52 E2	changed from F83 v 1.0
205.04	BASIC	.BQK	5K	1B 94	BASIC compiler in F83
205.05	CLOCK	.BQK	3K	0B C0	Source for calendar example
205.06	CPU68000	.BQK	16K	38 C6	68000 dependent code
205.07	EXPAND68	.BQK	3K	9D 92	original source to EXPAND.HUF
205.08	EXTEND68	.BQK	9K	89 D4	extensions source
205.09	HUFFMAN	.BQK	13K	25 1A	compression program
205.10	KERNEL68	.BQK	61K	B3 86	kernel source
205.11	META68	.BQK	14K	66 D0	metacompiler source
205.12	UTILITY	.BQK	36K	6E E6	utility source
206.					
206.01	ENCOL	.LBR	79K	4D 59	multiple column listings, two side of paper

206.02	HJELP	.LBR	59K	18 62	HELP files, even squeezed, within a library	
206.03	QSORT	.LBR	20K	E1 C7	Quicksort to order the lines of a file	
206.04	TY	.LBR	63K	82 DD	type, whether binary, squeezed or library	
207.						
207.01	APC-DUMP	.LBR	16K	57 EA	NEC APC dump program	(B5CC)
207.02	APCVFILE	.LBR	74K	85 F9	VFILER for NEC APC	(9EA7)
207.03	VFILEAPC	.CMD	9K	E2 4C	/	(48C4)
207.03	BIDUMP86	.LBR	11K	A9 F0	CP/M 86 bidirection dump	(8639)
207.04	BISHOW86	.CMD	2K	0E B3	Improved CP/M 86 bidirectional SHOW	(B7B1)
207.05	BISHOW86	.LBR	12K	A0 9B	/	(7833)
207.06	LTYPE86	.LBR	10K	C4 87	LTYPE for CP/M 86	(F276)
207.07	LU86	.CMD	19K	17 23	CP/M 86 library utility	(5954)
207.08	LU86-2	.LBR	39K	3E 38	/	(1CB2)
207.09	PRINT86	.LBR	15K	B1 67	CP/M 86 PRINT utility	(F5AC)
207.10	TYPESQ86	.LBR	7K	4A 87	CP/M 86 Typesqueeze	(2672)
207.11	USQ	.CMD	18K	24 C0	Unsqueeze for CP/M 86	(CD6D)
208.						
208.01	3740UTIL	.LBR	71K	48 41	IBM 3740 disk utility	
208.02	META412	.LBR	99K	49 D7	META4 in 8080 code	
208.03	SF	.LBR	34K	97 3C	Z80 bidirectional show	
209.						
209.01	COBOL	.LBR	75K	D0 DE	cobol - unchecked but worth trying	
209.02	ERAQ16	.LBR	12K	E6 3C	updated query erase	
209.03	FXCHAR	.LBR	50K	26 9D	creates character sets for Epson FX	
209.04	HEADER6	.BAS	10K	59 EC	prints a LARGE heading - neat!	
209.05	MEGAN3	.LBR	31K	31 C7	space game	
209.06	NSWP207	.LBR	13K	6C C5	much improved update to SWEEP	
209.07	TYPEL34A	.LBR	18K	5B BB	updated TYPEL	
210.						
210.01	BLIST	.LBR	16K	AE 0C	multiple file printer	
210.02	CLCIB86	.LBR	3K	D6 DF	CB86 command line interpreter	
210.03	CRC	.CMD	4K	10 E5	CRC checker in CP-M 86	
210.04	CRC-64	.AQ6	19K	60 9A	/	
210.05	CRC68K	.LBR	16K	78 A7	CRC checker in CP-M 68K	
210.06	CRCBUILD	.LBR	35K	F4 D1	builds catalog files - CP/M 80 & 86	
210.07	PUT	.AQ6	14K	A9 E0	copies files between user areas	
210.08	PUT	.CMD	3K	15 C7	/	
210.09	SQ183	.CMD	17K	DF 8D	CP-M 86 file squeezer	
210.10	TAB86	.LBR	27K	C4 4B	creates tabs in code	
210.11	UNTAB86	.LBR	26K	BC 9B	removes tabs from code	
210.12	USQ	.CMD	3K	EB 7C	CP-M 86 file usqueezer	
211.						
211.01	86KERMIT	.LBR	194K	0B CD	Kermit modem for CP-M 86	
212.						
212.01	CHIS16	.CQ	5K	C6 AB	Chi-square calculation in C	
212.02	CPM2-+	.LBR	5K	2A 8D	allows 2.2 routines to run under CP-M Plus	
212.03	CPM3-CAT	.LBR	6K	02 0C	CP-M Plus catalog program	
212.04	CPM3LIB	.LBR	8K	0B D3	CP-M Plus subroutine library	
212.05	CURLY	.LBR	7K	60 1C	checks braces in C programs	
212.06	DAYS	.CQ	2K	A4 9E	changes 01/18/85 to 1.18.1985	
212.07	FIND+2	.LBR	16K	61 8D	updates FIND	
212.08	KPROFMT	.LBR	59K	5D 19	multidisk formats for Kaypro 2,4 & 10	
212.09	QS-CPM3	.LBR	4K	CA 7C	resets disk attributes in CP-M Plus	
212.10	RDMSDOS	.LBR	35K	49 96	reads MSDOS disks in CP-M - maybe ?	
212.11	SUPERZAP	.LBR	13K	96 05	Z80 disk utility similar to DU	

212.12	UNERA+	.LBR	16K	FA 96	UNERASE in CP-M Plus
212.13	YAM	.H	9K	AC 6A	file missing from SIG-M 183
213.					
213.01	REC80F	.LBR	137K	E3 FB	8080 REC with floating point math
213.02	REC86	.LBR	94K	D1 89	8086 REC w/o floating point math
214.					
214.01	REC80	.LBR	112K	FB 88	8080 REC w/o floating point
214.02	REC86F	.LBR	120K	6A FA	8086 REC with floating point
215.					
215.01	CNVRT	.LBR	54K	C4 AE	latest version of CNVRT
215.02	HJELP	.COM	4K	17 24	examine libraries as HELP files
215.03	RECDQC	.LBR	95K	8F 25	manuscript describing REC
215.04	RUN	.LBR	56K	42 4A	runs 80 & 86 programs from SUB or LBR files
216.					
216.01	MDM840	.AQ6	124K	5E 0B	MDM Modem series translated for CP-M 86
216.02	MDM840	.DQC	26K	D7 77	documentation file
216.03	MDM840	.HQ6	26K	1A 4A	hex file
216.04	MDM840	.NQT	2K	E2 B9	translator's note
216.05	M8LIB	.AQ6	18K	04 25	telephone auto dialer library for MDM840
216.06	M8LIB	.CMD	4K	28 FB	/
216.07	M8LIB	.DOC	1K	4E F5	/
216.08	M8NM-40	.AQ6	4K	AE 05	/
217.					
217.01	M8GP-1	.AQ6	7K	93 C6	MDM840 general purpose overlay
217.02	M8IN-1	.AQ6	8K	9D A9	CompuPro Interfacer 3/4 overlay
217.03	M8MCDOS	.AQ6	11K	A2 C4	CompuPro Interfacer 3/4 overlay
217.04	QUEIN	.AQ6	2K	48 5E	with Gifford MC-DOS
217.05	M8MPMIN	.AQ6	13K	5E 76	CompuPro MP-M 86 with MSUP.RSP
217.07	MSUP	.AQ6	28K	B1 2F	/
217.08	MSUP	.DQC	2K	E0 B1	/
217.06	M8RB-1	.AQ6	8K	25 DE	DEC Rainbow overlay
217.09	Z80	.A86	10K	41 4D	working CP-M 80 emulator for CP-M 86
217.10	Z80	.CMD	5K	D1 50	/
217.11	CBADDR	.Z80	6K	9C ED	/
217.12	CODE8086.Z80		16K	C4 67	/
217.13	CODECB	.Z80	1K	36 72	/
217.14	CODEED	.Z80	5K	AF D4	/
217.15	EDADDR	.Z80	2K	54 E3	/
217.16	JUMPADDR.Z80		6K	3F 57	/
217.17	FUNCLIB	.CMD	5K	BD AE	dBASEII toolkit library
217.18	DATELIB	.CMD	9K	59 9C	/
217.19	MATHLIB	.CMD	11K	50 6D	/
217.20	TOOLSIB.DOC		15K	3D 55	/
217.21	LOGOFF	.ASM	1K	7A 27	bulletin board security system
217.22	LOGOFF	.COM	2K	90 F4	/
217.23	LOGON	.ASM	1K	37 B9	/
217.24	LOGON	.COM	3K	27 BE	/
217.25	LOGON	.DOC	3K	38 6D	/
217.26	LUU	.CQ	12K	24 F8	Australian version of CP-M 86 LU
217.27	LUU	.CQD	24K	09 09	/
218.					
218.01	MEX112	.OBJ	24K	7B F0	MEX main program (uninstalled)
218.02	COPYRITE.		2K	F3 09	MEX Copyright notice
218.03	MEX	.HQF	31K	2A 22	On-line users manual
218.04	MEX10	.DQC	38K	32 AA	Documentation

218.05	MEXSUM	.DQC	7K	24	19	/
218.06	MEXCON	.SUB	1K	11	4D	Submit file to construct installed mex
218.07	MLOAD	.OBJ	3K	E5	1E	Overlay installation tool
218.08	READ	.MQ	2K	B8	25	Quick overview
218.09	SET	.MQX	1K	43	DE	File to change MEX settings
218.10	TEL	.PHN	1K	AB	43	Sample phone directory
218.11	MXM-CD10.AQM		11K	BE	2F	Concord Data System
218.12	MXM-PC10.AQM		8K	A8	04	Popcon
218.13	MXM-UD10.AQM		12K	A6	7B	UDS modem
218.14	MXM-US13.AQM		19K	A0	39	US Robotics modem
218.15	MXO-AD11.AQM		18K	89	B8	Advanced Digital
218.16	MXO-AL10.AQM		8K	24	9D	Altos
218.17	MXO-PM22.AQM		26K	A9	B9	PMMI
218.18	MXO-SM14.AQM		7K	60	08	Smartmodem
219.						
219.01	MXO-APCC.AQM		19K	0A	29	Apple II overlay
219.02	MXO-CT10.AQM		7K	FE	D4	CT Companion
219.03	MXO-DB10.AQM		10K	74	9C	Dynabyte
219.04	MXO-DT10.AQM		8K	FF	F7	Datec
219.05	MXO-DV10.AQM		11K	43	9E	Davidge
219.06	MXO-EP12.AQM		10K	2E	DE	Epson QX 10
219.07	MXO-GB11.AQM		10K	4E	75	CompuPro
219.08	MXO-H812.AQM		8K	79	C7	Heath H-89
219.09	MXO-II12.AQM		8K	0C	47	Intersystems
219.10	MXO-IM10.AQM		5K	5F	B5	Info-Mate
219.11	MXO-KP41.AQM		28K	E8	BE	Kaypro
219.12	MXO-LO15.AQM		12K	0F	F8	Lobo Max 80
219.13	MXO-MD11.AQM		11K	DC	D0	Morrow MD 3A
219.14	MXO-MG10.AQM		11K	CC	6B	Mega SC
219.15	MXO-MR10.AQM		8K	37	CD	Morrow Micro Decision
219.16	MXO-NE88.AQM		14K	C9	C2	NEC PC-8801
220.						
219.17	MXO-NS11.AQM		15K	9F	3E	North Star Horizon
220.01	MXO-OA11.AQM		12K	AA	A6	Otrona Attache Overlay
220.02	MXO-OC10.AQM		12K	36	78	Osborne 1 with COMM-PAC
220.03	MXO-OS22.AQM		11K	83	DA	Osborne
220.04	MXO-OX11.AQM		10K	95	19	Osborne Executive
220.05	MXO-P1-1.AQM		8K	32	64	PCM Micromate
220.06	MXO-R+10.AQM		9K	84	E3	Radio Shack Mod 4 with CP/M+
220.07	MXO-R211.AQM		8K	93	61	Radio Shack Mod 2
220.08	MXO-RS13.AQM		12K	1B	68	Radio Shack Mod 4 with Montezuma
220.09	MXO-RV13.AQM		10K	A1	F2	Racal-Vadic
220.10	MXO-SB12.AQM		15K	8D	DE	Superbrain
220.11	MXO-SCAT.AQM		7K	BD	8C	Smartcat
220.12	MXO-SX10.AQM		18K	62	85	Starplex
220.13	MXO-SY21.AQM		19K	E2	3F	Sanyo MBC-100
220.14	MXO-TD30.AQM		14K	83	59	Turbodos
220.15	MXO-TV11.AQM		8K	2F	D7	Televideo TS-802
220.16	MXO-VP10.AQM		5K	A2	40	Ventel Plus
220.17	MXO-VTL1.AQM		7K	23	CB	Ventel Modem with Otrona Attache
220.18	MXO-XE12.AQM		8K	F2	34	Xerox 820
220.19	MXO-XR10.AQM		9K	6E	6B	XOR S-100-4
221.						
221.01	DBASEMPM.LBR		4K	4C	AF	MP/M dBASE setup programs
221.02	DBSOURCE.LBR		60K	30	B1	Decodes some run-time programs

221.03	INVENTORY.LBR	130K	5E D4	Inventory system
221.04	NEWBASE5.LBR	10K	8B 76	dBASE patches
222.				
222.01	AREACD13.LBR	22K	B5 EF	New areacodes, including 718
222.02	DASM8080.LBR	90K	EA 47	8080 disassembler
222.03	DBL003 .LBR	11K	1B 0E	Improved multi column printing
222.04	DIRREP .LBR	12K	56 06	Repairs directory
222.05	LU310 .LBR	44K	D4 9D	Updated library utility
222.06	NULU10 .LBR	35K	94 78	A new approach to LU
223.01	DBI1DATE.PRG	2K	60 3D	Sets date in DBASEII - NEC APC
223.02	DO .LBR	26K	B0 54	Extended SUBMIT
223.03	FREEBASE.LBR	19K	88 9E	Data base program
223.04	MEM .LBR	4K	26 41	Creates RAM disk
223.05	PDABACUS.CMD	2K	39 E8	Sets colors on NEC APC
223.06	PDRAMDSK.AQ6	10K	1B 9B	RAM disk for NEC APC
223.07	PDRAMDSK.CMD	5K	19 1F	/
223.08	RES86 .LBR	83K	F8 F6	RESOURCE disassembler - CP-M 86
223.09	SPLITTER.LBR	12K	0E 3C	Segments files for copying
223.10	TLABEL86.LBR	14K	E2 5D	Prints labels - CP-M 86
223.11	WYSEFK21.AQM	6K	7E F8	
224.01	SMALC1 .LBR	74K	xx xx	use USQ.COM - z80 small C fl.pnt.routns.
224.01b	ARGS .DQC	2K	xx xx	
224.01c	CC .COM	24K	xx xx	
224.01d	CC .DQC	10K	xx xx	
224.01e	FLOAT .DQC	4K	xx xx	
224.01f	IOLIB .DQC	4K	xx xx	
224.01g	PRINTF .DQC	4K	xx xx	
224.01h	PROFILE .DQC	2K	xx xx	
224.01i	TEST .CQ	4K	xx xx	
224.01j	TRANSCEN.DQC	2K	xx xx	
224.01k	ZLINK .COM	6K	xx xx	
224.01l	ZLINK .DQC	2K	xx xx	
224.01m	ZMAC .COM	10K	xx xx	
224.01n	ZMAC .DQC	8K	xx xx	
224.02	SMALC2 .LBR	76K	xx xx	use USQ.COM - z80 small C fl.pnt.routns.
224.02a	ARGS .CQ	4K	xx xx	
224.02b	ARGS .H	2K	xx xx	
224.02c	ARGS .OQJ	4K	xx xx	
224.02d	C80V .CQ	28K	xx xx	
224.02e	C80V-2 .CQ	22K	xx xx	
224.02f	CLIBV .OBJ	4K	xx xx	
224.02g	FLOAT .CQ	16K	xx xx	
224.02h	FLOAT .H	2K	xx xx	
224.02i	FLOAT .OBJ	4K	xx xx	
224.03	SMALC3 .LBR	64K	xx xx	use USQ.COM - z80 small C fl.pnt.routns.
224.02a	CRC .COM	4K	xx xx	
224.02b	IOLIB .CQ	12K	xx xx	
224.02c	IOLIB .H	2K	xx xx	
224.02d	IOLIB .OQJ	6K	xx xx	
224.02e	PRINTF1 .CQ	4K	xx xx	
224.02f	PRINTF1 .H	2K	xx xx	
224.02g	PRINTF1 .OQJ	6K	xx xx	
224.02h	PRINTF2 .CQ	6K	xx xx	
224.02i	PRINTF2 .H	2K	xx xx	
224.02j	PRINTF2 .OQJ	12K	xx xx	

224.02k	PROFILE .AQM	4K	xx xx	
224.02l	PROFILE .H	2K	xx xx	
224.02m	PROFILE .OBJ	2K	xx xx	
224.02n	TRANSCEN.CO	8K	xx xx	
224.02o	TRANSCEN.H	2K	xx xx	
224.02p	TRANSCEN.OBJ	6K	xx xx	
224.02q	USQ .COM	2K	xx xx	
225.01	FX .COM	5K	14 32	allows second character set
225.02	FXDRV.R .COM	2K	B2 B0	with Wordstar and FX-80 printer.
225.03	FXDRV.R .DOC	23K	45 D6	/
225.04	FXDRV.R .MAC	24K	8E 81	/
225.05	ALTER .FON	4K	20 FB	scientific font for MX-80
225.06	SIMULA .LBR	131K	3C 94	biochemical eng. games & simulation
226.01	BACKMW .DOC	10K	74 F2	hard disk backup for Morrow M16
226.02	BACKMW27.COM	7K	E5 DC	/
226.03	BACKMW27.MAC	15K	87 A1	/
226.04	BAUDRATE.ASM	4K	39 5C	sets I/F 4 & TVI 950 baud
226.05	COLONS .DOC	3K	19 C1	add/delete colons to ASM
226.06	COLONS12.COM	4K	B2 FA	source file where needed
226.07	COLONS12.UPD	1K	A3 72	/
226.08	DATE .ASM	3K	EA 82	convert DRI date to MM/DD/YY
226.09	UNDATE .ASM	3K	74 25	and MM-DD-YY to DRI format
226.10	DRI-DATE.DOC	5K	20 D3	/
226.11	DELETE .COM	2K	BD A3	ERA utility
226.12	DELETE .MAC	6K	3E 4E	/
226.13	DUMPDIR .COM	2K	E0 7D	directory dump with file
226.14	DUMPDIR .DOC	3K	DB BE	allocation display
226.15	DUMPDIR .MAC	5K	4B 87	/
226.16	E5 .A86	2K	E4 E8	fills CP/M 86 disk with E5s
226.17	FINDU10 .DOC	4K	42 56	string find utility for
226.18	FINDU11 .COM	4K	85 66	squeezed and unsqueezed files
226.19	FINDU11 .MAC	4K	42 49	/
226.20	FREESP .MAC	2K	A1 3C	module to calculate disk space
226.21	HEXDEC .A86	1K	7F 2C	hex to decimal module for CP/M
226.22	HEXDEC .ASM	1K	F9 C6	80 and 86
226.23	HXDC24 .MAC	3K	5C 8A	/
226.24	HXDC24 .REL	1K	92 3B	/
226.25	LCHEK .DOC	1K	FD 70	library CRC program in CHEK and
226.26	LCHEK11 .COM	2K	F6 AA	CRC compatible formats
226.27	LCRCK11 .COM	2K	78 BC	/
226.28	LCRCK11 .DOC	2K	A5 29	/
226.29	LCRCK11 .MAC	7K	07 7B	/
226.30	LDIR22 .COM	3K	89 30	library directory with version for
226.31	LDIR22 .DOC	2K	25 3E	original filenames of squeezed
226.32	LDIR22 .MAC	10K	57 E3	member files and filematch utility
226.33	LDIRR .ASM	7K	FA E3	/
226.34	LDIRR .COM	2K	8E F2	/
226.35	MATCHF .REL	1K	76 B2	/
226.36	MYSORT .REL	1K	9D DB	/
226.37	NCRCK1 .COM	2K	40 B1	new CRC program
226.38	NCRCK1 .DOC	2K	F2 50	/
226.39	NCRCK1 .MAC	5K	3C 06	/
226.40	PRUN12 .COM	2K	57 DE	runs PRL files under CP/M
226.41	PRUN12 .DOC	4K	70 13	/
226.42	PRUN12 .MAC	9K	37 64	/

226.43	SETBAUD2.ASM	5K	B6 57	sets baud rate for I/F 4
226.44	SETBAUD2.COM	2K	9B	
226.44	SETBAUD2.COM	2K	9B 92	/
226.45	SORT .ASM	3K	AB 10	Shell-Metzner in-memory sort
226.46	TESTHXD .MAC	1K	FA 6A	tests HXDC24
226.47	TIMEDF4 .ASM	3K	B0 E7	elapsed time calculator
226.48	TIMEDIF .ASM	5K	CA 91	/
226.49	TYPEL36 .COM	4K	0D E9	super type program, squeezed and
226.50	TYPEL36 .DOC	4K	39 6F	unsqueezed, in library, to printer,
226.51	TYPEL36 .MAC	15K	66 13	etc.
226.52	UNSQZ13 .COM	4K	05 3C	super unsqueezer
226.53	UNSQZ13 .DOC	2K	9D 59	/
226.54	UNSQZ13 .MAC	9K	D7 C8	/
226.55	USQB .REL	2K	0D E0	/
226.56	WILDEX .A86	1K	97 AB	wildcard expansion routine for
226.57	WILDEX .MAC	2K	B4 57	both ASM86/RASM86 and RMAC/M80
226.58	WILDEX .REL	1K	8F 60	/
227.01	CHECKS .LBR	60K	45 AA	checkbook program in dBASEII
227.02	CHURCH .LBR	60K	F6 98	church Management program in dBASEII
227.03	GENEOLGY.LBR	75K	B0 A0	genealogy program in dBASEII
228.01	APPEND .C	2K	AD 5D	concatenates two files into one
228.02	APPEND .COM	4K	F3 8A	without disturbing original files
228.03	CFL0LIB .C80	1K	94 FA	takes C code and creates a listing
228.04	CFLOW .C	6K	68 79	of the module calls in the source
228.05	CFLOW .COM	6K	34 17	/
228.06	CFLOW .DOC	3K	2B D7	/
228.07	CFLOW .FLO	2K	11 B1	/
228.08	EDFILE .ART	12K	AF 79	280 screen oriented disk editor
228.09	EDFILE .COM	11K	F0 A7	/
228.10	EDFILE .DOC	20K	C2 18	/
228.11	FTNOTE14.COM	17K	F3 66	update to footnote program for
228.12	FTNOTE14.DOC	26K	08 9D	Wordstar
228.13	GRAB .AQM	16K	EC 8B	improvement to FIND which pulls out
228.14	GRAB .COM	4K	1E 65	paragraphs of information - CP/M 80
228.15	GRAB .DOC	2K	FD 9E	version.
228.16	LIST .C	2K	1C D4	multiple file list program
228.17	LIST .COM	3K	B5 50	/
228.18	MCHASE .COM	22K	5A 0D	arcade style maze chase game
228.19	MCHASE .DOC	7K	2F EF	/
228.20	MCHASE .HLP	3K	0A 7D	/
228.21	MODES .C	3K	32 DD	MX-80 setting program
228.22	MODES .COM	4K	B6 33	/
228.23	PASSWORD.ASM	6K	46 71	requires password to use disk
228.24	PASSWORD.COM	1K	23 F3	/
228.25	PASSWORD.DOC	6K	2B 84	/
228.26	SPLIT .C	3K	FE ED	splits larger file into smaller
228.27	SPLIT .COM	5K	7E F9	ones
229.01	APC-CALN.LBR	20K	7A E4	prints calendars - APC & MX printer
229.02	APC-DATE.LBR	19K	36 3B	screens calendars on APC
229.03	APCSERIO.LBR	16K	75 C3	interrupt driven I/O for APC
229.04	BYTYPE86.LBR	21K	44 5E	DIR sort by types to con, 1st on disk
229.05	FASTVF86.LBR	83K	23 D1	cleaner, faster VFILER. CRC optional
229.06	FRAG86 .LBR	10K	7D 22	file-ext cleaner, faster, sorts by files
229.07	GRAB86 .LBR	24K	87 CD	finds paragraphs
229.08	SAVE0-86.LBR	8K	3D 3A	emulates CP/M 2.2 SAVE 0 command

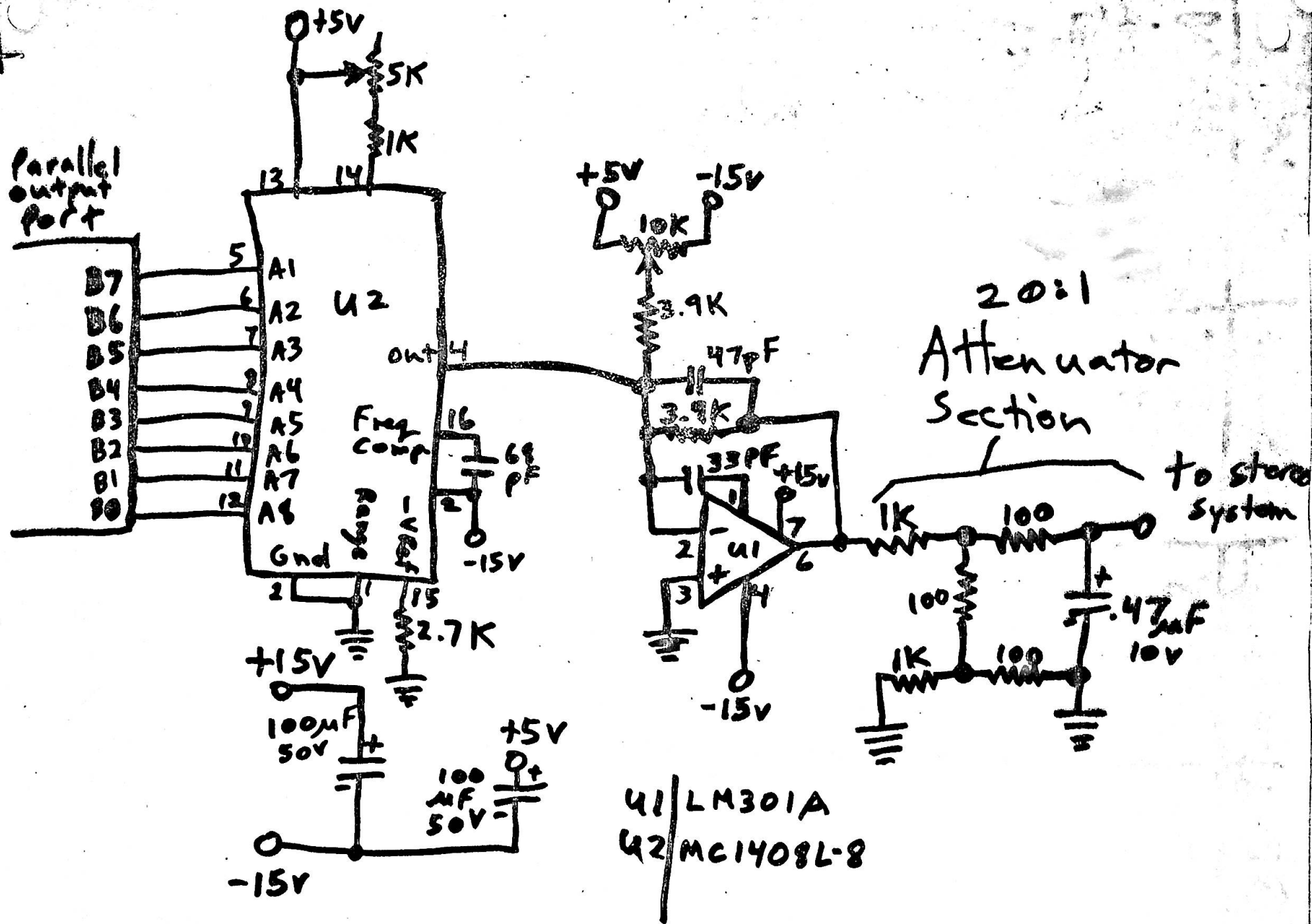
229.09	WC86	.LBR	9K	82 CD	word count, text & WS files to 8 digits
230.01	BOOKS	.LBR	71K	89 18	database for reference books
230.02	RETRIEVE	.LBR	64K	F3 8B	article retrieval database
230.03	REFERENC	.LBR	82K	B3 79	reference material database
231.01	CP-M+	.LBR	100K	F4 56	Bringing up CP/M-Plus
231.02	DISK1C	.LBR	36K	8A EE	C & the Godbout Disk-1 Controller
231.03	EXTEND	.LBR	11K	80 8F	Assembly Language Extensions for MS BASIC
231.04	NAMES	.LBR	66K	19 C5	Logical Name Translator for CP/M 2.2
232.01	BBCBIOS	.MQC	10K	20 01	Modified Ferguson Big Board 1 BIOS
232.02	KERMIT	.VER	5K	F9 E7	KERMIT communications version list
232.03	KRMSRC	.LBR	121K	FD B9	KERMIT version 3.9 for CP/M-80
232.04	M7BBS+	.AQM	49K	69 60	Modem 7 for Ferguson Big Board 1
232.05	XLATE216	.LBR	32K	6A D0	Updated XLATE 8080 to 280 source translator
233.01	BOY-MOR	.LBR	18K	2D A4	280 Boyer-More string search function
233.02	CLEANUPC	.LBR	26K	72 06	Cleans up C source, makes cross listing
233.03	DISKNAME	.LBR	12K	B8 06	Gives 45 character volume name on CP/M disk
233.04	MODEM7B	.LBR	43K	58 FD	MODEM7A modified for LST device output
233.05	PMATCH	.LBR	24K	10 1C	Checks print command pairing for WordStar
233.06	SDDIRENT	.LBR	61K	AF A2	Updated SD77, more information displayed
233.07	UDM1200	.DQC	2K	07 66	Using Modem Tech UDM1200 at 1200/75 bps
233.08	UDMAUTOD	.BAS	5K	43 EA	BASIC auto dialer for Modem Tech UDM1200
233.09	VDUPRNT	.LBR	14K	AF 35	Screen dump Microbee to Tandy DMP 200
233.10	XPRINT	.CQ	7K	B4 70	Extended print utility in C
234.01	AUTO	.LBR	4K	9E DF	Auto execute program on cold boot
234.02	CPM3UTIL	.LBR	19K	51 36	Disk and other utilities for CP/M Plus
234.03	CUBE	.LBR	10K	40 57	Solves 5 x 5 cube
234.04	CURVFIT	.LBR	38K	24 CD	Curve fitting in MBASIC
234.05	DISKSTAT	.LBR	35K	FB EA	Display disk info and file allocation
234.06	DUMP	.LBR	7K	FA 5D	Improved file dump utility
234.07	SBCOPY	.LBR	11K	19 46	Fast copy utility for SuperBrain
234.08	SP2	.LBR	57K	75 46	Full screen disk utility SuperBrain version
234.09	SYM	.LBR	8K	95 17	Make SID symbol table from MACRO-80 listing
235.01	ABSTRACT	.235	2K	29 B6	Abstract of disk contents (in Dutch)
235.02	BASICODE	.DOC	16K	B7 AC	Documentation on BASICODE (in Dutch)
235.03	BASICODE	.ENG	3K	B4 A7	Brief intro to BASICODE (in English)
235.04	BC2	.BQS	2K	27 C8	"Standard" BASICODE-2 for MBASIC
235.05	BC2	.OSB	2K	2B 1D	"Osborne" BASICODE-1 for Osborne 1
235.06	BC2	.OSI	2K	D8 69	"Ohio Scientific" BASICODE-2
235.07	BCREAD	.AQM	8K	75 A2	Read BASICODE-2 in from parallel port
235.08	BCTEST	.AQM	4K	77 7C	Test program for BASICODE-2 port transfer
235.09	BCWRIT	.AQM	8K	E7 4E	Write out BASICODE-2 program, standard
235.10	BCWRITE	.AQM	8K	87 D9	Write out BASICODE program, (BASICODE-1?)
235.11	BOKA&EI	.BQS	6K	77 2E	BASICODE-2 Tic Tac Toe, in Dutch
235.12	CONVERT	.BQS	4K	FE 82	CBASIC source for BASICODE-2/MBASIC xlate
235.13	CONVERT	.COM	13K	67 B5	Converts from BASICODE-2 to Microsoft BASIC
235.14	DELERS	.BQS	10K	A9 BE	BASICODE-2 game of some sort, in Dutch
235.15	DIGIKLOK	.BQS	4K	82 2F	BASICODE-2 on screen digital clock
235.16	FEESTEN	.BQS	4K	9D 98	BASICODE-2 shows public holidays, any year
235.17	FORTH-NL	.LBR	49K	A3 D1	FIG FORTH 1.1 with enhancements for CP/M
235.18	FUNCTION	.DAT	1K	29 3F	Used with CONVERT.COM
235.19	KALFEEST	.BQS	6K	9E A3	BASICODE-2 calendar for any month & year
235.20	KEYWORDS	.DAT	1K	88 69	Used with CONVERT.COM
235.21	MASSA	.BQS	4K	76 3E	BASICODE-2 demo program, in Dutch
235.22	SORT	.BQS	6K	68 2E	BASICODE-2 sort program, in Dutch
235.23	STELSELS	.BAS	4K	64 EE	BASICODE-2 solves 3 order quadratics ?

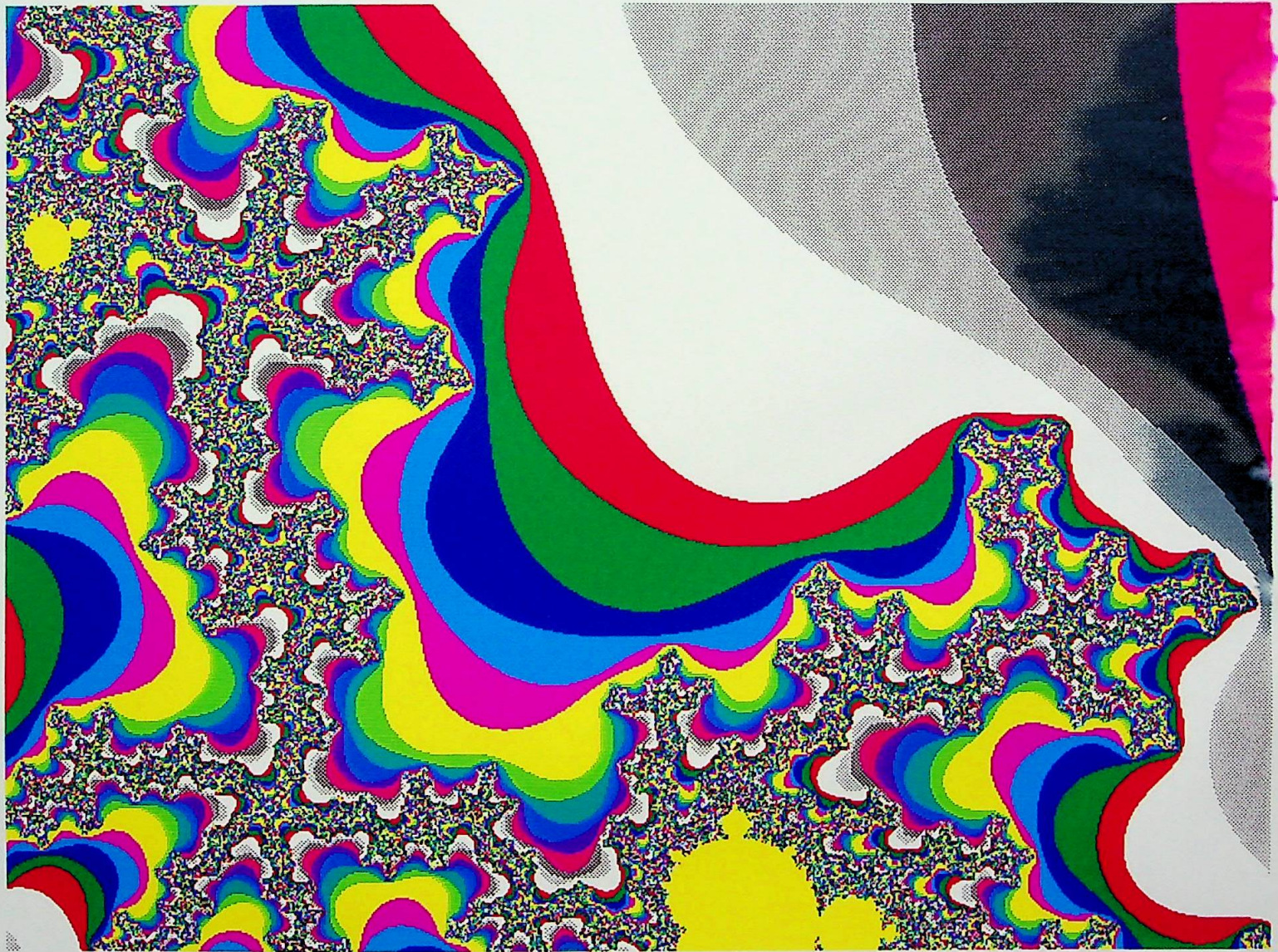
235.24	TANKIE	.BQS	6K	00 9B	BASICODE-2 game, simple ASCII graphics
235.25	TESTBC2	.BQS	4K	F4 46	BASICODE-2 test/exerciser program
235.26	TIMER555	.BQS	6K	B4 CA	BASICODE-2 designs 555 timer circuits
235.27	UITLEG1	.BQS	6K	6E 8E	Introduction to BASICODE? (in Dutch)
235.28	UITLEG2	.BQS	8K	22 83	See UITLEG1.BAS
236.01	CPM3BIOS	.DQC	10K	B9 08	CP-M3 bios for Morrow Disk Jockey - Doc.
236.02	SCB	.ASM	3K	E0 84	Bios routines
236.03	MOVE	.MAC	6K	A8 EE	" "
236.04	CHARIO	.MQC	8K	FA 21	" "
236.05	DISKDEFN	.ASM	3K	4A 1A	" "
236.06	DISKHNDL	.MQC	8K	70 D6	" "
236.07	SEMIHNDL	.MAC	6K	20 0A	" "
236.08	BOOT	.MAC	5K	F7 10	" "
236.09	GENCPM	.DAT	3K	A5 9F	Sample data for GENCPM
236.10	DDLDR	.ASM	2K	3D 1D	Loader bios routines
236.11	LDRBIOS	.MAC	7K	0D 48	" "
236.12	LOADSYS	.MAC	11K	BD F8	Bios routine loader
236.13	REBOOT	.MAC	1K	F4 B3	To cold start
236.14	SEESCB	.RAT	1K	F5 43	Print the SCB
236.15	ACCSCB	.MAC	1K	5D 68	" "
236.16	SEESCB	.COM	7K	2E 54	" "
236.17	BARB2	.MAC	8K	68 74	Memory check
236.18	IF	.COM	1K	48 33	Conditional execution
236.19	IF	.MAC	3K	18 F8	" "
236.20	OVLNMR	.MAC	7K	5C 5B	Overlay manager
236.21	PRINT	.COM	2K	01 18	Spooling printer
236.22	PRINT	.MQC	6K	3B 84	" "
236.23	CPMPLUS	.TQX	25K	A3 9B	Article on CP-M Plus
236.24	LISP	.COM	27K	C6 3B	Lisp in Pascal/Z
236.25	LISP	.DOC	14K	65 23	from Vol 27 Pascal/Z
236.26	LISP	.PAS	38K	32 A1	Users Group
236.27	INITLISP		1K	62 14	/
236.28	INITLISP	.STB	1K	F9 1E	/
237.01	PILOT-P	.LBR	174K	F7 4A	Pilot in Pascal/Z
237.02	PUZZLE	.LBR	39K	70 1D	Helps solve deductive reasoning puzzles
238.01	BUFFERS	.AQM	17K	A3 AD	Full implementation of CCITT X.25
238.02	FILES	.AQM	10K	DA 5C	packet standard (all 3 levels) under
238.03	LEVEL1	.AQM	13K	04 80	CP/M-80. Implements a dumb terminal
238.04	LEVEL2	.AQM	29K	FC 09	with bi-directional file transfer
238.05	LEVEL3	.AQM	34K	F6 1D	capability. Configured for Digital
238.06	PLOG	.AQM	6K	4A 0D	Research Big Board (uses SIO on BB
238.07	X25	.AQM	19K	70 29	to handle HDLC bit stuffing and
238.08	X25	.COM	15K	5E 3B	polynomial check). Extensive diag-
238.09	X25	.MSG	2K	E9 32	nostic facilities built in. Full
238.10	X25SYS	.DQC	16K	5B 24	User manual.
238.11	X25UM	.DQC	43K	72 28	/
238.12	XUTIL	.AQM	8K	6A 2E	/
239.01	Z8E	.COM	11K	10 B1	Symbolic Z80 debugger. Full screen
239.02	Z8E	.DQC	101K	54 16	animated display of program under
239.03	Z8E	.MQC	111K	AF 5B	test, built in assembler, 16 break-
239.04	Z8E	.SYM	1K	FD 25	points, 20 + commands. Full doc file.
240.01	ASM65	.DOC	23K	1A 3F	converts ASM.COM to 6502
240.02	ASM65	.HEX	17K	B3 A1	cross assembler
240.03	BACKUP	.COM	5K	97 40	Winchester backup program (Z80)
40.04	BACKUP	.DOC	5K	53 C4	/

240.05	BACKUP	.MAC	24K	F5 27	/
240.06	ECCE	.DOC	27K	8F 43	Edinburgh Compatible Context Editor
240.07	ECCE48K	.COM	17K	54 7B	line oriented editor with macro
240.08	ECCE56K	.COM	17K	E6 8D	capability and conditional commands
240.09	ECCE60K	.COM	17K	F4 41	/
240.10	ACK	.DOC	1K	C2 E7	/
240.11	ZBBS	.LBR	57K	DB C0	BASIC BBS (Z80) system
241.01	MEX114	.LBR	52K	7E 1E	Update to XMODEM and MEX using new 1024
241.02	XMODEM110	.LBR	89K	C9 46	protocol for faster transfer.
241.03	TURBOBBS	.LBR	74K	E3 2A	Turbo Pascal BBS system
242.01	EPRO	.LBR	103K	45 2E	Z80 small Prolog with documentation
242.02	FIP	.LBR	76K	23 C1	Z80 screen file manager with doc
242.03	SANDR	.COM	2K	5B BD	search and replace strings - 8085
242.04	SANDR	.DOC	8K	60 7A	/
243.01	AUTOCOMP	.COM	10K	28 D7	probabilities for complete set acquisition
243.02	AUTOCOMP	.PQS	3K	2B E6	in the collectors problem
243.03	CHIPS	.COM	21K	2D DA	a game for people who like to play
243.04	CHIPS1	.PQS	6K	EC 2F	detective - based on probability
243.05	CHIPS2	.PQS	10K	8D 0F	
243.06	CHISQR	.COM	10K	DD C9	chi-square test of random number generation
243.07	CHISQR	.PQS	2K	94 C6	/
243.08	COLLECT	.COM	10K	FF 0B	probability of having a complete set given
243.09	COLLECT	.PQS	3K	39 8D	the number in set and number acquired
243.10	DEM01	.LQG	3K	5A F6	/
243.11	DEM02	.LQG	3K	D0 AE	/
243.12	GAMMAFIT	.COM	14K	60 0F	fits gamma probability density function to
243.13	GAMMAFIT	.PQS	6K	20 B4	a datafile listing number from 0 to 100
243.14	GETNAME	.PRO	1K	0C ED	(support file)
243.15	HISCORE	.LQG	6K	AA CB	/
243.16	LSTSQR	.COM	12K	7F EF	linear least square fits
243.17	LSTSQR	.PQS	3K	EC A7	/
243.18	NEAR	.COM	11K	95 13	a new statistical test developed by Mark
243.19	NEAR	.PQS	3K	8D 88	/
243.20	NORMAL2	.BAS	2K	74 82	MBASIC best estimate of the true mean
243.21	PIAPPROX	.COM	10K	27 20	pi approximation - circle in a square -
243.22	PIAPPROX	.PQS	3K	DF FB	is a random point a boundary?
243.23	RUNTEST	.COM	15K	A0 CC	degree of independence of successively
243.24	RUNTEST	.PQS	8K	A5 3C	generated values of random number gen.
243.25	VISCOS1	.DAT	1K	59 AB	(support file)
243.26	XRD	.COM	14K	F5 FD	resulting angles and d-spacing of x-ray
243.27	XRD	.PQS	5K	2D 1E	diffraction powder pattern line positions
243.28	CONTROL	.XQD	1K	35 E5	/
244.01	LPAK11	.DOC	19K	D9 27	converts LINPAK single precision general
244.02	LPAK11	.ADD	10K	13 5A	system routines to Pascal and C; provides
244.03	LPAK10-F	.LQR	22K	F0 53	drivers to apply and demonstrate routines
244.04	LPAK11-C	.LQR	23K	45 78	and discusses results. In Fortran, C and
244.05	LPAK11-T	.LQR	24K	D8 21	Turbo Pascal.
244.06	WSTONE12	.LBR	54K	BF 9E	Whetstone benchmarks
244.07	LIFE	.COM	18K	5D D4	new version in Turbo Pascal
244.08	LIFE	.PAS	13K	6A 86	/
245.01	FYNDE	.COM	5K	6A 1B	locate patterns in all kinds of files
245.02	HJELP	.COM	13K	D4 D3	HELP files with embedded programs
245.03	HJELP	.LBR	45K	AD 70	everything to use and update HJELP
245.04	MAZE	.LBR	41K	A9 07	sample CNVRT programs to run mazes
245.05	RUN	.COM	4K	2B 1A	execute programs where ever they are

245.06	TOUR	.LBR	94K	99 44	collection of maze programs
246.01	ANCI	.LBR	30K	A3 E6	library of ancillary programs
246.02	CNVLIB	.REC	7K	66 97	Cnvt runtime library
246.03	CNVSM	.REC	7K	EB E0	compact Cnvt compiler
246.04	HJELP	.COM	13K	CF C2	read HELP files (including binary material)
246.05	RUN	.COM	4K	2B 1A	executes files - even from libraries
246.06	TORU	.LBR	156K	1C 3D	Convert examples of LIFE
247.01	CONNECT	.AQ6	10K	17 8E	MCDOS virtual console
247.02	DU-75E	.AQ6	41K	B7 1C	Disk Utility for CCPM or CPM86
247.03	EXAMPLES	.LBR	18K	B3 4D	CCPM queues & process spawning
247.04	FKEY	.LBR	28K	31 ED	Reassign Compupro function keys
247.05	GREP	.LBR	22K	52 8C	CPM86 pattern matcher
247.06	MCDOS	.EQU	3K	76 CA	MCDOS equates
247.07	NTREE	.LBR	27K	43 9E	Display CCPM or DOS directory
247.08	PASS	.AQ6	3K	7F 87	Password utility
247.09	ROUTINES	.AQ6	4K	77 4C	CCPM assembly lang subroutines
247.10	TACH	.LBR	11K	2B 8A	Measure MCDOS idle time
247.11	TCLOCK	.AQ6	4K	0D 80	Time of day in large numerals
247.12	UPSMON	.LBR	6K	18 E3	Power supply monitor
247.13	Z19-MODS	.LBR	5K	CC EF	Intercept escape sequences
248.01	DIMS103A	.LBR	91K	2B 52	MBASIC data management system
248.02	DIMS103B	.LBR	112K	E0 ED	/
249.01	RBBS38A	.COM	44K	B5 A4	Bulletin board ready to run file
249.02	RBBS38A	.WQ	37K	A7 54	Documentation for RBBS38A program
249.03	INSTAL38	.COM	30K	F2 3F	Installation program for RBBS38A
249.04	INSTALL	.HQP	10K	D9 CF	Help file used by INSTAL38.COM
249.05	UTIL38	.COM	26K	29 3D	Utility program for use with RBBS38A
249.06	EXIT38	.COM	16K	FF 20	Ask for Comments on Exit from CP/M
249.07	BYE	.COM	1K	53 B4	Psuedo BYE program to call EXITRBBS
249.08	RBBS	.COM	1K	FA B9	Psuedo RBBS program to call real RBBS
249.09	STARTUP	.COM	1K	8A C4	Program used to start-up in BYE
249.10	RUNIT	.AQM	4K	35 E7	Source for Psuedo program maker
249.11	BULLETIN	.	1K	CA A2	RBBS38A Support Text files
249.12	ENTERCPM	.	1K	64 FC	/
249.13	HELP	.	1K	86 19	/
249.14	INFO	.	1K	44 AC	/
249.15	MENURBBS	.	1K	BB 38	/
249.16	NEWCOM	.	1K	6D 3B	/
249.17	NEWS	.	1K	5A FD	/
249.18	SYOPMENU	.	1K	33 F2	/
249.19	TWIT	.	1K	9C 1C	/
249.20	READ	.ME2	3K	F3 A6	Additional information on RBBS38A
250.01	RBBS38A	.AQC	26K	D3 85	Source file with comments
250.02	RBBS38A	.NQC	19K	53 E8	'No coments' source file
250.03	INSTAL38	.AQC	12K	F5 CC	Source file for install program
250.04	EXIT38	.AQC	2K	90 A8	Source for Comments on Exit file
250.05	UTIL38	.AQC	8K	3D 5F	Source for utility program
250.06	TXT71	.LBR	10K	13 3B	Turn TEXT file into a .COM file
250.07	WHLCHK	.LBR	6K	80 A5	Checks WHEEL before running program
250.08	CHGLIB22	.LBR9K	7E	F4	Modify Telephone list in any Modem?
250.09	CPM68K	.TXT	11K	40 5C	Bringing up CP/M-68K
250.10	TRANSFER	.TXT	20K	FA D4	Intersystem Processing (Turbo Pas)
250.11	TURBO	.TXT	16K	BE BC	Turbo Pascal library modules
250.12	WHOPRTS	.A86	6K	A6 1C	Printer control in concurrent
250.13	MDCS	.TUT	26K	50 1B	Tutorial on Master Disk Cat. System

251.01	ROS33	.LBR	129K	49 80	Turbo Pascal BBS System
251.02	ROSMAC	.LBR	86K	41 C2	/
252.01	DTZKPII	.LBR	102K	37 14	Disassembler for non-graphic screen Kaypro
252.02	M74SCAT	.LBR	59K	3F 41	Novation Smartcat Overlay for MDM740
254.01	PRINT	.DOC	9K	83 1D	prints multi-column (up to 4 cols and
254.02	PRINT	.LBR	92K	77 46	4 files), one or two sides of a page.
254.03	PRINT86	.LBR	103K	45 5B	CP-M 80 and CP-M 86.
255.01	DP	.CMD	33K	D1 60	disk patch utility - CP-M 80
255.02	DP	.COM	29K	3D 2A	disk patch utility - CP-M 86
255.03	DP	.HLP	1K	A7 C8	DP help file
255.04	DP	.L86	1K	59 9C	linkage parameter for LINKMT+86
255.05	DP	.LNK	1K	9C E4	linkage parameter for LINKMT+
255.06	DPEDIT	.PAS	11K	99 24	screen edit subroutines
255.07	DPIO	.PAS	18K	29 69	I/O for CP-M 80
255.08	DPIO86	.PAS	18K	86 2A	I/O for CP-M 86
255.09	DPM	.PAS	28K	2A EB	main routine of DP for Pascal/mt+
255.10	KPASM	.SUB	1K	78 60	Printout utility for printer or
255.11	KPRINT	.COM	2K	58 8C	console
255.12	KPRINT	.DOC	2K	22 44	/
255.13	KPRINT	.MAC	10K	1F 21	/
255.14	SCAN	.COM	2K	15 EB	bad sector scan utility for CP-M 3.0
255.15	SCAN	.MAC	6K	6A 23	/
255.16	STDINCL	.LIB	1K	36 C2	/
255.17	STDLIB	.IRL	1K	92 30	/
255.18	SIZE	.CMD	12K	33 19	get program size - CP-M 86
255.19	SIZE	.PAS	3K	D0 B8	/
256.01	COMP68	.DOC	1K	7C 9A	file compare in CP-M 68K
256.02	COMP68	.REL	2K	44 99	/
256.03	COMP68	.S	7K	43 DB	/
256.04	ERAQ68	.DOC	1K	6E 97	querry erase in CP-M 68K
256.05	ERAQ68	.REL	1K	A7 8D	/
256.06	ERAQ68	.S	4K	5E 8C	/
256.07	DIALOG11	.BAS	27K	2E BD	script for BBS logon (compiles
256.08	DIALOG11	.COM	27K	A7 0B	with BASCOM)
256.09	DIALOG11	.DOC	8K	CB FF	/
256.10	OSGAMES1	.LBR	35K	4C 3F	Osborne games
256.11	PERCOMP	.CAL	3K	82 89	SC template for chemical compositions
256.12	PERCOMP	.DOC	4K	BC 16	/
256.13	TFR-INST	.COM	23K	4B 3E	file transfer between MS-DOS and CP-M
256.14	TFR-INST	.DTA	5K	C5 FA	(in Turbo Pascal)
256.15	TFR-INST	.MSG	3K	FF 88	/
256.16	TRANS-01	.INC	6K	59 FC	/
256.17	TRANS-02	.INC	6K	C1 0A	/
256.18	TRANS-03	.INC	2K	D4 92	/
256.19	TRANS-04	.INC	5K	EE DF	/
256.20	TRANS-05	.INC	5K	9D 2B	/
256.21	TRANSFER	.COM	19K	4E DE	/
256.22	TRANSFER	.DOC	4K	F0 9A	/
256.23	TRANSFER	.PAS	6K	23 33	/
256.24	TURBOJRT	.PAS	2K	C4 32	Turbo routines for JRT pascal





The window to be displayed is:

X_coord : -2.000000
Y_coord : 1.250000
Range : 2.500000

